


STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☒**APPLICATION FOR PERMIT TO DRILL**

2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>				1. WELL NAME and NUMBER Monument Butte Federal V-35-8-16		
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO				3. FIELD OR WILDCAT MONUMENT BUTTE		
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY				5. UNIT or COMMUNITIZATION AGREEMENT NAME GMBU (GRRV)		
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052				7. OPERATOR PHONE 435 646-4825		
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU-16535		11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		9. OPERATOR E-MAIL mcrozier@newfield.com		
13. NAME OF SURFACE OWNER (if box 12 = 'fee')				12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>		
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')				14. SURFACE OWNER PHONE (if box 12 = 'fee')		
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')				16. SURFACE OWNER E-MAIL (if box 12 = 'fee')		
18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>		19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	628 FNL 1956 FEL	NWNE	2	9.0 S	16.0 E	S
Top of Uppermost Producing Zone	40 FSL 1204 FEL	SESE	35	8.0 S	16.0 E	S
At Total Depth	40 FSL 1204 FEL	SESE	35	8.0 S	16.0 E	S
21. COUNTY DUCHESNE		22. DISTANCE TO NEAREST LEASE LINE (Feet) 40		23. NUMBER OF ACRES IN DRILLING UNIT 20		
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1469		26. PROPOSED DEPTH MD: 6372 TVD: 6372		
27. ELEVATION - GROUND LEVEL 5480		28. BOND NUMBER WYB000493		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-7478		

ATTACHMENTS**VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES**

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP
NAME Mandie Crozier	TITLE Regulatory Tech
SIGNATURE	DATE 08/26/2009
PHONE 435 646-4825	EMAIL mcrozier@newfield.com
API NUMBER ASSIGNED 43013501240000	APPROVAL  Permit Manager

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Prod	7.875	5.5	0	6372		
Pipe	Grade	Length	Weight			
	Grade J-55 LT&C	6372	15.5			

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Surf	12.25	8.625	0	300		
Pipe	Grade	Length	Weight			
	Grade J-55 ST&C	300	24.0			

R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, MONUMENT BUTTE
V-35-8-16, LOCATED AS SHOWN IN THE
NW 1/4 NE 1/4 (LOT 2) OF SECTION 2, T9S,
R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

**WELL LOCATION:
MONUMENT BUTTE V-35-8-16**

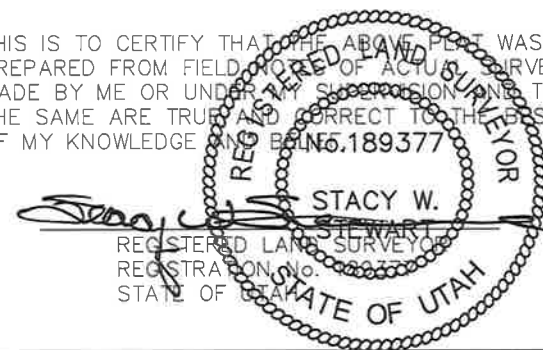
ELEV. EXIST. GRADED GROUND = 5480'



Note:

1. The bottom of hole footages
are 40' FSL & 1204' FEL.

THIS IS TO CERTIFY THAT THE ABOVE PLOT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST
OF MY KNOWLEDGE AND BELIEF.

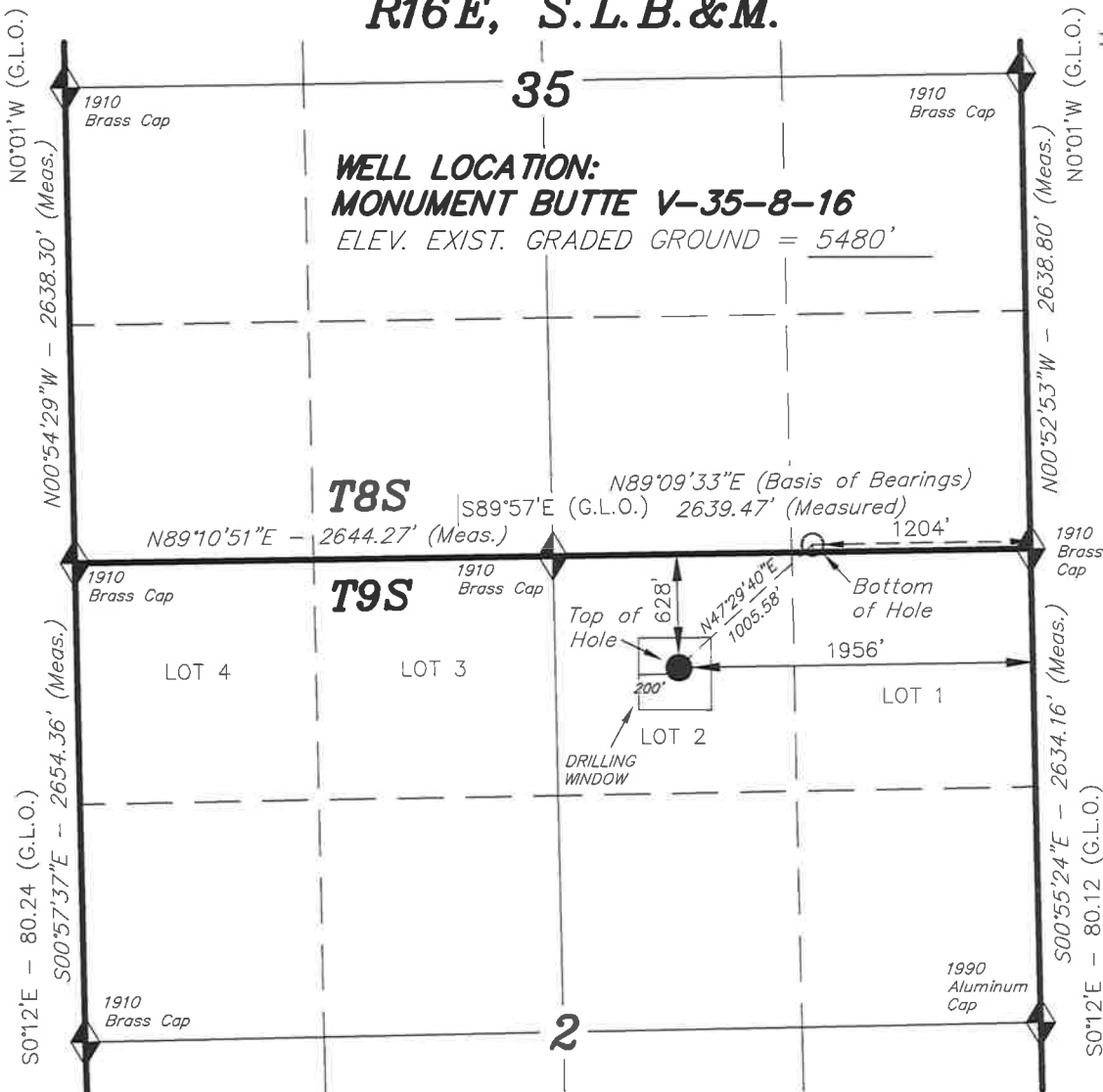


TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 06-29-09	SURVEYED BY: S.V.
DATE DRAWN: 06-30-09	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

MONUMENT BUTTE V-35-8-16
(Surface Location) NAD 83
LATITUDE = 40° 03' 55.51"
LONGITUDE = 110° 05' 03.15"



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are base on
LOCATION: an N.G.S. OPUS Correction.
LAT. 40°04'09.56" LONG. 110°00'43.28"
(Tristate Aluminum Cap) Elev. 5281.57'



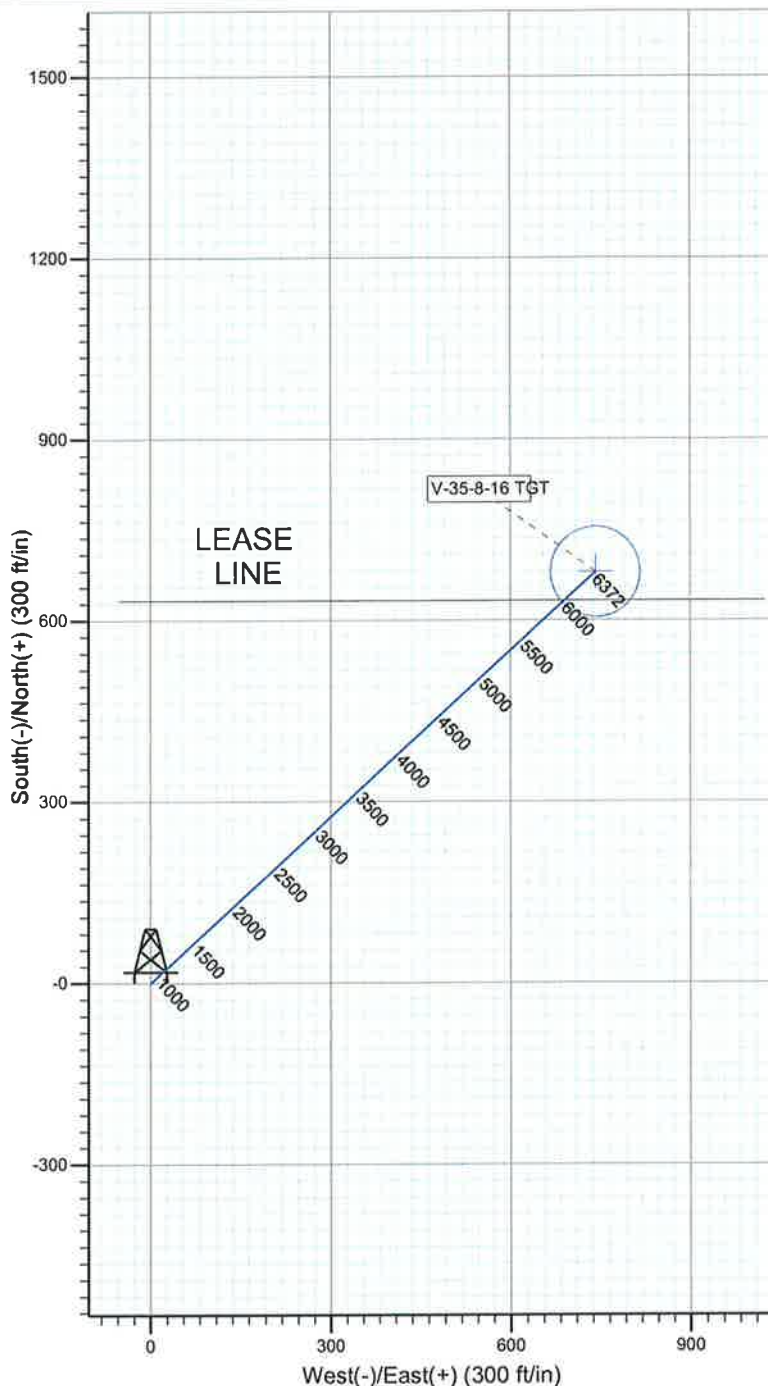
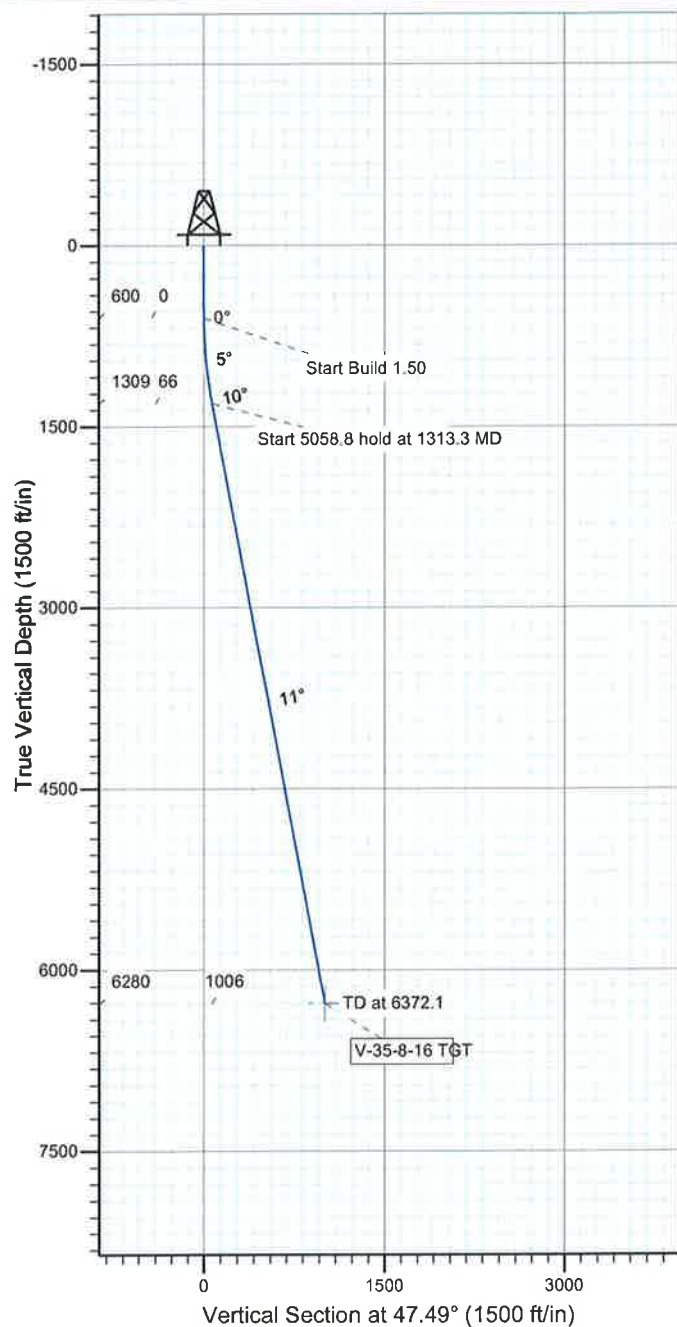
Project: USGS Myton SW (UT)
 Site: SECTION 2 9S 16E
 Well: V-35-8-16
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to True North
 Magnetic North: 11.55°

Magnetic Field
 Strength: 52497.6snT
 Dip Angle: 65.86°
 Date: 2009/07/16
 Model: IGRF200510

KOP @ 600'
 DOGLEG RATE 1.5 DEG/100'
 TARGET RADIUS IS 75'



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
V-35-8-16 TGT	6280.0	679.5	741.3	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1313.3	10.70	47.49	1309.1	44.9	49.0	1.50	47.49	66.4	
4	6372.1	10.70	47.49	6280.0	679.5	741.3	0.00	0.00	1005.6	V-35-8-16 TGT





NEWFIELD EXPLORATION

USGS Myton SW (UT)

SECTION 2 9S 16E

V-35-8-16

Wellbore #1

Plan: Design #1

Standard Planning Report

16 July, 2009





HATHAWAY BURNHAM

Planning Report



Database: EDM 2003.21 Single User Db
Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 2 9S 16E
Well: V-35-8-16
Wellbore: Wellbore #1
Design: Design #1

Local Co-ordinate Reference: Well V-35-8-16
TVD Reference: V-35-8-16 @ 5492.0ft
MD Reference: V-35-8-16 @ 5492.0ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Project USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA

Map System: US State Plane 1983
Geo Datum: North American Datum 1983
Map Zone: Utah Central Zone

System Datum: Mean Sea Level
 Using geodetic scale factor

Site SECTION 2 9S 16E, SEC 2 9S 16E

Site Position: Northing: 7,193,600.00 ft Latitude: 40° 3' 34.952 N
From: Map Easting: 2,036,100.00 ft Longitude: 110° 5' 10.480 W
Position Uncertainty: 0.0 ft Slot Radius: " Grid Convergence: 0.91 °

Well V-35-8-16, SHL LAT 40 03 55.51, -110 05 03.15 SHL IN SEC 2

Well Position +N/-S 2,080.3 ft Northing: 7,195,688.84 ft Latitude: 40° 3' 55.510 N
 +E/-W 569.9 ft Easting: 2,036,636.90 ft Longitude: 110° 5' 3.150 W
Position Uncertainty 0.0 ft Wellhead Elevation: ft Ground Level: 0.0 ft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	2009/07/16	11.56	65.86	52,498

Design Design #1

Audit Notes:

Version: Phase: PROTOTYPE Tie On Depth: 0.0

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	6,280.0	0.0	0.0	47.49

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,313.3	10.70	47.49	1,309.1	44.9	49.0	1.50	1.50	0.00	47.49	
6,372.1	10.70	47.49	6,280.0	679.5	741.3	0.00	0.00	0.00	0.00	V-35-8-16 TGT



HATHAWAY BURNHAM

Planning Report



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MD Reference: V-35-8-16 @ 5492.0ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	1.50	47.49	700.0	0.9	1.0	1.3	1.50	1.50	0.00
800.0	3.00	47.49	799.9	3.5	3.9	5.2	1.50	1.50	0.00
900.0	4.50	47.49	899.7	8.0	8.7	11.8	1.50	1.50	0.00
1,000.0	6.00	47.49	999.3	14.1	15.4	20.9	1.50	1.50	0.00
1,100.0	7.50	47.49	1,098.6	22.1	24.1	32.7	1.50	1.50	0.00
1,200.0	9.00	47.49	1,197.5	31.8	34.7	47.0	1.50	1.50	0.00
1,300.0	10.50	47.49	1,296.1	43.2	47.1	64.0	1.50	1.50	0.00
1,313.3	10.70	47.49	1,309.1	44.9	49.0	66.4	1.50	1.50	0.00
1,400.0	10.70	47.49	1,394.4	55.7	60.8	82.5	0.00	0.00	0.00
1,500.0	10.70	47.49	1,492.6	68.3	74.5	101.1	0.00	0.00	0.00
1,600.0	10.70	47.49	1,590.9	80.8	88.2	119.6	0.00	0.00	0.00
1,700.0	10.70	47.49	1,689.1	93.4	101.9	138.2	0.00	0.00	0.00
1,800.0	10.70	47.49	1,787.4	105.9	115.6	156.8	0.00	0.00	0.00
1,900.0	10.70	47.49	1,885.7	118.5	129.2	175.3	0.00	0.00	0.00
2,000.0	10.70	47.49	1,983.9	131.0	142.9	193.9	0.00	0.00	0.00
2,100.0	10.70	47.49	2,082.2	143.6	156.6	212.5	0.00	0.00	0.00
2,200.0	10.70	47.49	2,180.4	156.1	170.3	231.0	0.00	0.00	0.00
2,300.0	10.70	47.49	2,278.7	168.7	184.0	249.6	0.00	0.00	0.00
2,400.0	10.70	47.49	2,377.0	181.2	197.7	268.2	0.00	0.00	0.00
2,500.0	10.70	47.49	2,475.2	193.7	211.4	286.7	0.00	0.00	0.00
2,600.0	10.70	47.49	2,573.5	206.3	225.0	305.3	0.00	0.00	0.00
2,700.0	10.70	47.49	2,671.8	218.8	238.7	323.9	0.00	0.00	0.00
2,800.0	10.70	47.49	2,770.0	231.4	252.4	342.4	0.00	0.00	0.00
2,900.0	10.70	47.49	2,868.3	243.9	266.1	361.0	0.00	0.00	0.00
3,000.0	10.70	47.49	2,966.5	256.5	279.8	379.5	0.00	0.00	0.00
3,100.0	10.70	47.49	3,064.8	269.0	293.5	398.1	0.00	0.00	0.00
3,200.0	10.70	47.49	3,163.1	281.6	307.2	416.7	0.00	0.00	0.00
3,300.0	10.70	47.49	3,261.3	294.1	320.8	435.2	0.00	0.00	0.00
3,400.0	10.70	47.49	3,359.6	306.6	334.5	453.8	0.00	0.00	0.00
3,500.0	10.70	47.49	3,457.8	319.2	348.2	472.4	0.00	0.00	0.00
3,600.0	10.70	47.49	3,556.1	331.7	361.9	490.9	0.00	0.00	0.00
3,700.0	10.70	47.49	3,654.4	344.3	375.6	509.5	0.00	0.00	0.00
3,800.0	10.70	47.49	3,752.6	356.8	389.3	528.1	0.00	0.00	0.00
3,900.0	10.70	47.49	3,850.9	369.4	403.0	546.6	0.00	0.00	0.00
4,000.0	10.70	47.49	3,949.2	381.9	416.6	565.2	0.00	0.00	0.00
4,100.0	10.70	47.49	4,047.4	394.5	430.3	583.8	0.00	0.00	0.00
4,200.0	10.70	47.49	4,145.7	407.0	444.0	602.3	0.00	0.00	0.00
4,300.0	10.70	47.49	4,243.9	419.5	457.7	620.9	0.00	0.00	0.00
4,400.0	10.70	47.49	4,342.2	432.1	471.4	639.5	0.00	0.00	0.00
4,500.0	10.70	47.49	4,440.5	444.6	485.1	658.0	0.00	0.00	0.00
4,600.0	10.70	47.49	4,538.7	457.2	498.8	676.6	0.00	0.00	0.00
4,700.0	10.70	47.49	4,637.0	469.7	512.4	695.2	0.00	0.00	0.00
4,800.0	10.70	47.49	4,735.2	482.3	526.1	713.7	0.00	0.00	0.00
4,900.0	10.70	47.49	4,833.5	494.8	539.8	732.3	0.00	0.00	0.00
5,000.0	10.70	47.49	4,931.8	507.4	553.5	750.9	0.00	0.00	0.00
5,100.0	10.70	47.49	5,030.0	519.9	567.2	769.4	0.00	0.00	0.00
5,200.0	10.70	47.49	5,128.3	532.5	580.9	788.0	0.00	0.00	0.00



HATHAWAY BURNHAM

Planning Report



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Well: V-35-8-16
Wellbore: Wellbore #1
Design: Design #1

Local Co-ordinate Reference: Well V-35-8-16
TVD Reference: V-35-8-16 @ 5492.0ft
MD Reference: V-35-8-16 @ 5492.0ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.0	10.70	47.49	5,226.6	545.0	594.6	806.5	0.00	0.00	0.00
5,400.0	10.70	47.49	5,324.8	557.5	608.2	825.1	0.00	0.00	0.00
5,500.0	10.70	47.49	5,423.1	570.1	621.9	843.7	0.00	0.00	0.00
5,600.0	10.70	47.49	5,521.3	582.6	635.6	862.2	0.00	0.00	0.00
5,700.0	10.70	47.49	5,619.6	595.2	649.3	880.8	0.00	0.00	0.00
5,800.0	10.70	47.49	5,717.9	607.7	663.0	899.4	0.00	0.00	0.00
5,900.0	10.70	47.49	5,816.1	620.3	676.7	917.9	0.00	0.00	0.00
6,000.0	10.70	47.49	5,914.4	632.8	690.4	936.5	0.00	0.00	0.00
6,100.0	10.70	47.49	6,012.6	645.4	704.0	955.1	0.00	0.00	0.00
6,200.0	10.70	47.49	6,110.9	657.9	717.7	973.6	0.00	0.00	0.00
6,300.0	10.70	47.49	6,209.2	670.4	731.4	992.2	0.00	0.00	0.00
6,372.1	10.70	47.49	6,280.0	679.5	741.3	1,005.6	0.00	0.00	0.00

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
V-35-8-16 TGT - plan hits target - Circle (radius 75.0)	0.00	0.00	6,280.0	679.5	741.3	7,196,379.91	2,037,367.25	40° 4' 2.225 N	110° 4' 53.616 W

NEWFIELD PRODUCTION COMPANY
MONUMENT BUTTE FEDERAL V-35-8-16
AT SURFACE: NW/NE (LOT #2) SECTION 2, T9S, R16E
DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0 – 1625'
Green River	1625'
Wasatch	6372'

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 1625' – 6372' – Oil

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO ₃) (mg/l)
Dissolved Bicarbonate (NaHCO ₃) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO ₄) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

4. **PROPOSED CASING PROGRAM:**

Surface Casing: 8-5/8" J-55 24# w/ST&C collars; set at 300' (New)

Production Casing: 5-1/2" J-55, 15.5# w/LT&C collars; set at TD (New or used, inspected).

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

From surface to ± 350 feet will be drilled with an air/mist system. From about 350 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite.

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 300' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +/- . A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the fourth quarter of 2009, and take approximately seven (7) days from spud to rig release.

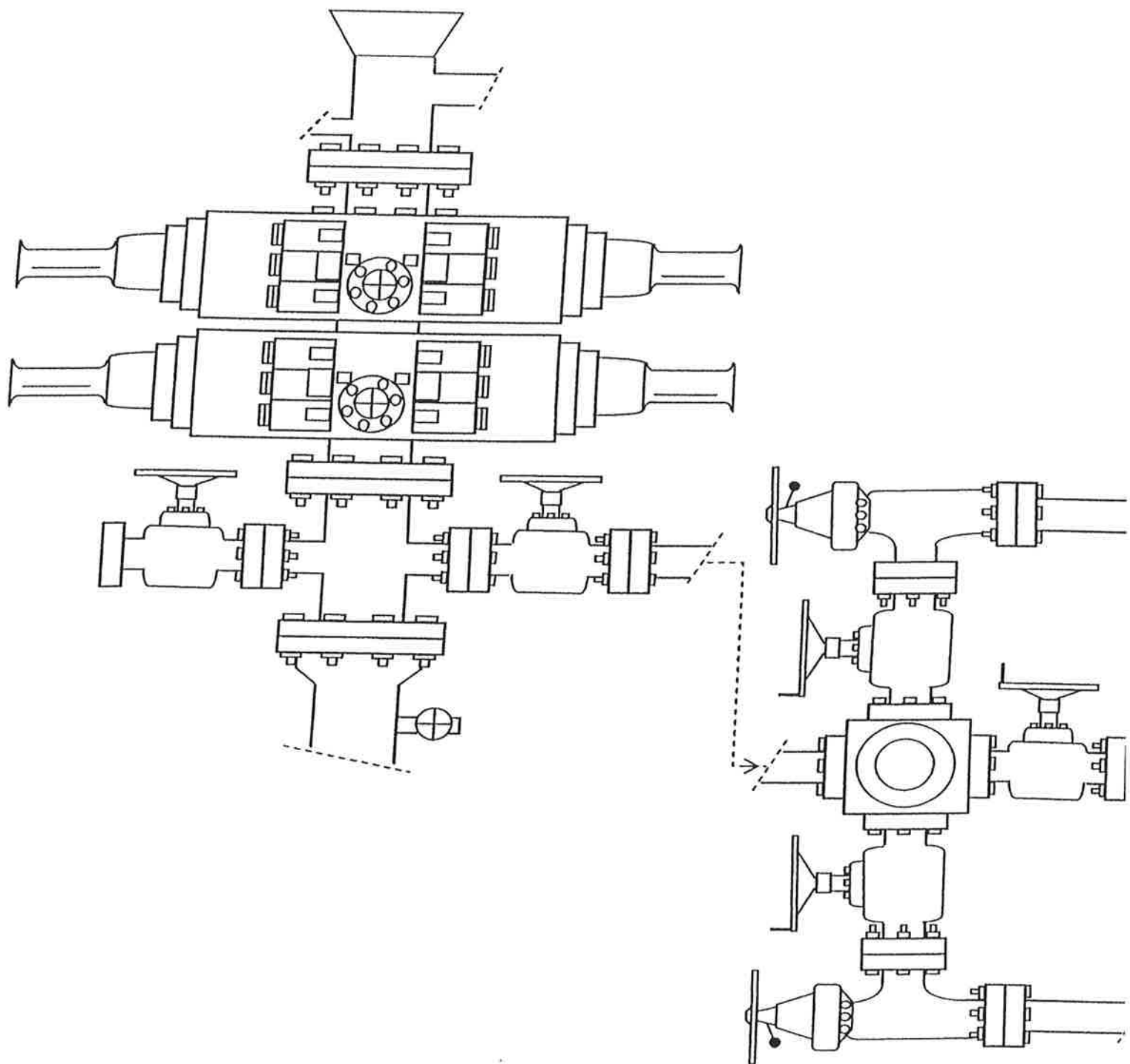
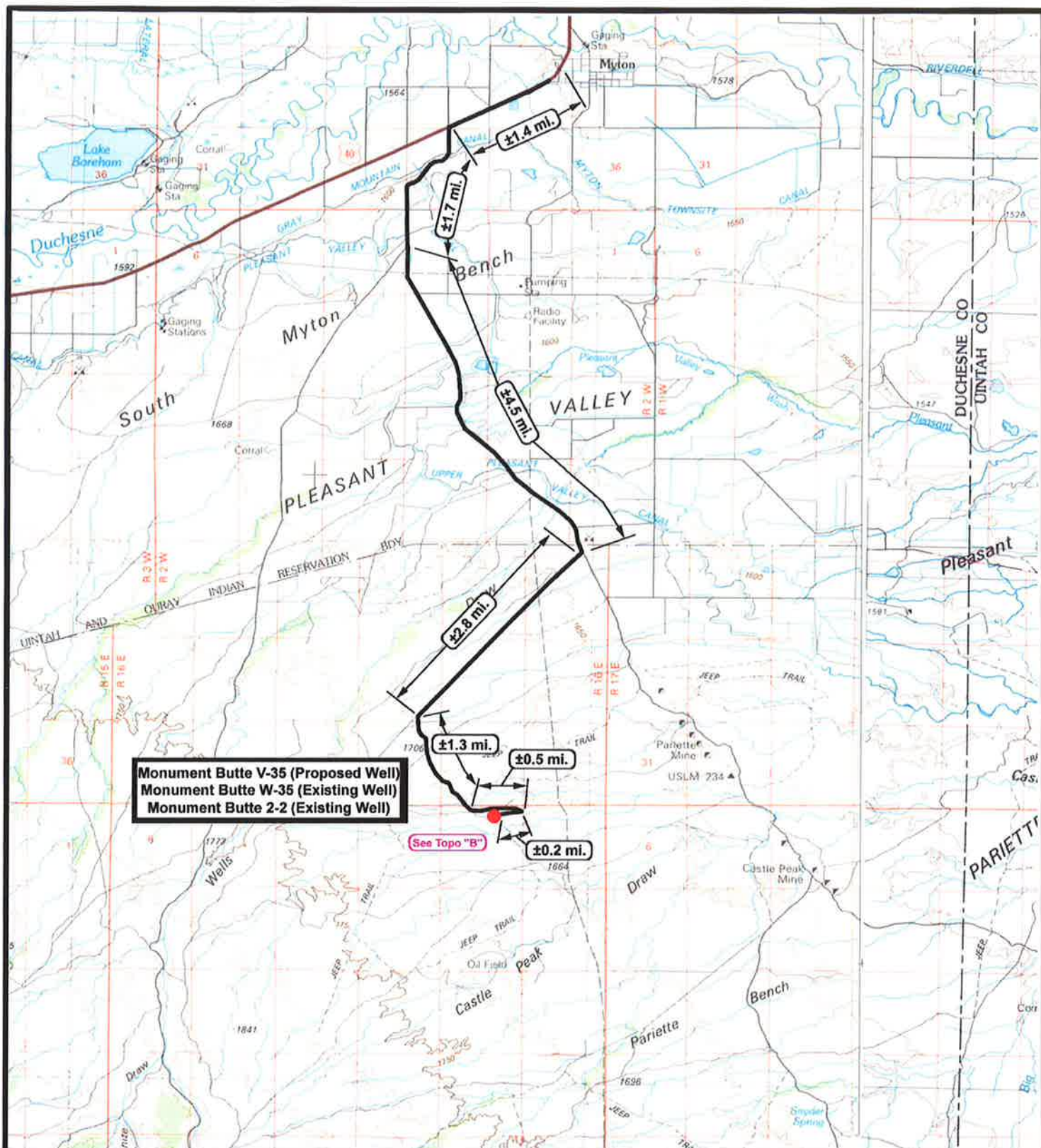



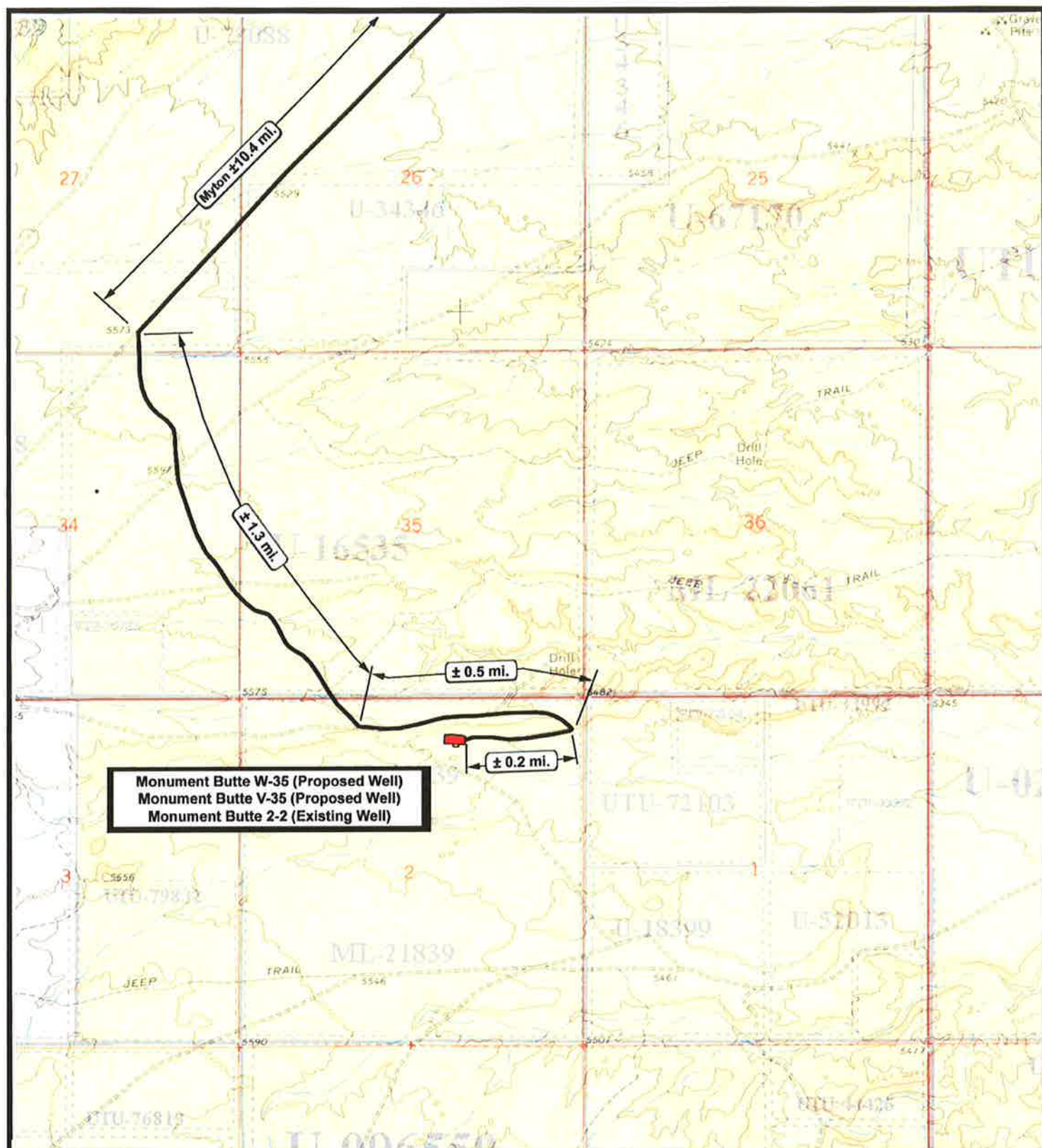


EXHIBIT C

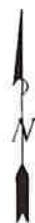


 <p>NEWFIELD Exploration Company</p>		 <p>Tri-State Land Surveying Inc. (435) 781-2501 180 North Vernal Ave. Vernal, Utah 84078</p>	<p>Legend</p> <p>Existing Road</p>
<p>Monument Butte V-35-8-16 (Proposed Well) Monument Butte W-35-8-16 (Proposed Well) Monument Butte 2-2-9-16 (Existing Well) Pad Location NWNE SEC. 2, T9S, R16E, S.L.B.&M.</p>		<p>SCALE: 1" = 100,000 DRAWN BY: mw DATE: 07-07-2009</p>	<p>TOPOGRAPHIC MAP</p> <p>"A"</p>



NEWFIELD
Exploration Company

Monument Butte V-35-8-16 (Proposed Well)
Monument Butte W-35-8-16 (Proposed Well)
Monument Butte 2-2-9-16 (Existing Well)
Pad Location NWNE SEC. 2, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 07-07-2009

Legend

Existing Road

TOPOGRAPHIC MAP

"B"

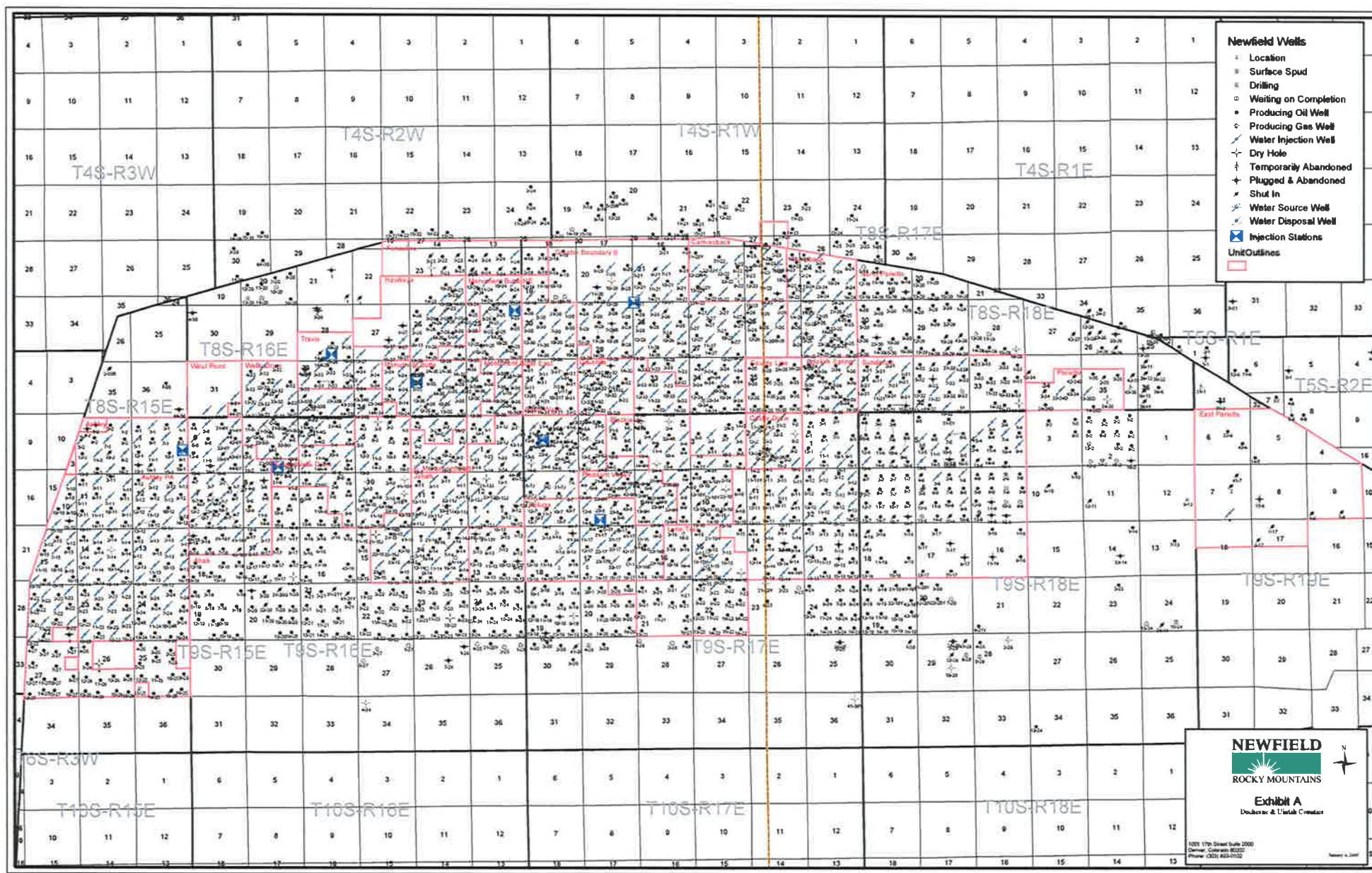


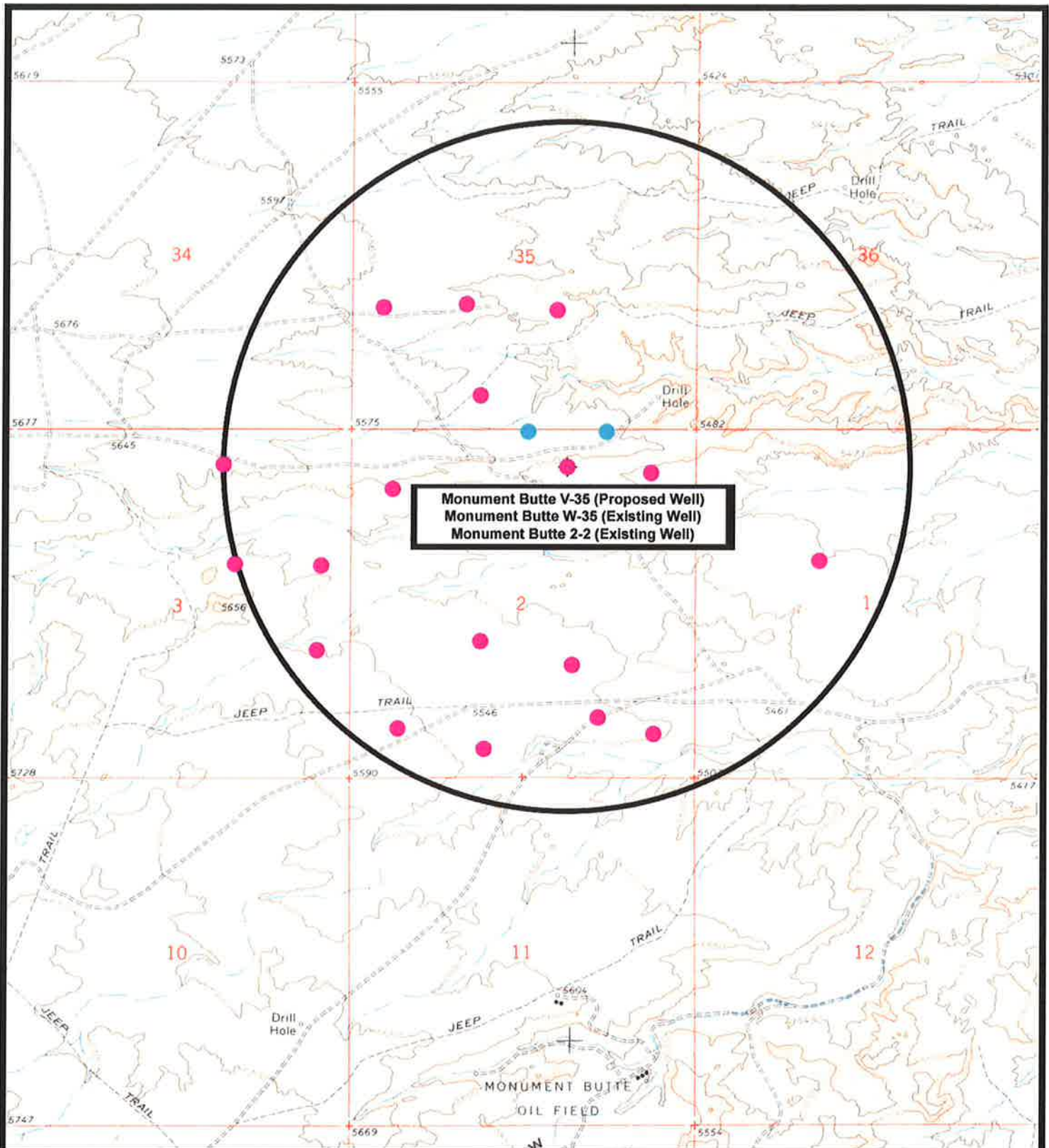
Legend

Roads

TOPOGRAPHIC MAP

"C"







NEWFIELD
Exploration Company

Monument Butte V-35-8-16 (Proposed Well)
Monument Butte W-35-8-16 (Proposed Well)
Monument Butte 2-2-9-16 (Existing Well)
Pad Location NWNE SEC. 2, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 07-07-2009

Legend

● Location
 One-Mile Radius

Exhibit "B"

NEWFIELD PRODUCTION COMPANY
MONUMENT BUTTE FEDERAL V-35-8-16
AT SURFACE: NW/NE (LOT #2) SECTION 2, T9S, R16E
DUCHESNE COUNTY, UTAH

THIRTEEN POINT SURFACE PROGRAM

1. EXISTING ROADS

See attached **Topographic Map "A"**

To reach Newfield Production Company well location site Monument Butte Federal V-35-8-16 located in the NW ¼ NE ¼ Section 2, T9S, R16E, S.L.B. & M., Duchesne County, Utah:

Proceed in a southwesterly direction out of Myton, Utah along Highway 40 approximately 1.4 ± miles to the junction of this highway and Utah State Highway 53; proceed southeasterly approximately 6.2 miles ± to its junction with an existing road to the southwest; proceed southwesterly approximately 2.8 miles ± to its junction with an existing road to the southeast; proceed southeasterly approximately 1.3 miles ± to its junction with an existing road to the east; proceed easterly approximately 0.5 miles ± to its junction with an existing road to the southwest; proceed southwesterly approximately 0.2 miles ± to the existing 2-2-9-16 well location.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled off of the existing 2-2-9-16 well pad. See attached **Topographic Map "B"**.

There will be no new gates or cattle guards required.

3. LOCATION OF EXISTING WELLS

Refer to **EXHIBIT B**.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

The proposed well will be drilled directionally off of the existing 2-2-9-16 well pad. There will be a pumping unit and a short flow line added to the existing tank battery for the proposed M-2-9-16.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted Carlsbad Canyon. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District
Water Right: 43-7478

Neil Moon Pond
Water Right: 43-11787

Maurice Harvey Pond
Water Right: 47-1358

Newfield Collector Well
Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed Monument Butte Federal V-35-8-16 will be drilled off of the existing 2-2-9-16 well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the

produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

8. **ANCILLARY FACILITIES:**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT:**

See attached Location Layout Sheet.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. **PLANS FOR RESTORATION OF SURFACE:**

a) **Producing Location**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) **Dry Hole Abandoned Location**

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. **SURFACE OWNERSHIP:** State of Utah

12. **OTHER ADDITIONAL INFORMATION:**

- a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.
- b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the South Monument Butte Federal V-35-8-16, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the Monument Butte Federal V-35-8-16 Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

The State office shall be notified upon site completion prior to moving on the drilling rig.

13. **LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:**

Representative

Ten Point Well Program &
Thirteen Point Well Program
Page 8 of 8

Name: Tim Eaton
Address: Newfield Production Company
Route 3, Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that Newfield Production Company is considered to be the operator of well #V-35-8-16, NW/NE Section 2, T9S, R16E, Duchesne County, Utah and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Bond #WYB000493.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

8/26/09
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

MONUMENT BUTTE V-35-8-16 (Proposed Well)

MONUMENT BUTTE W-35-8-16 (Proposed Well)

MONUMENT BUTTE 2-2-9-16 (Existing Well)

Pad Location: NWNE (LOT 2) Section 2, T9S, R16E, S.L.B.&M.

TOP HOLE FOOTAGES

V-35-8-16 (PROPOSED)

628' FNL & 1956' FEL

W-35-8-16 (PROPOSED)

642' FNL & 1972' FEL

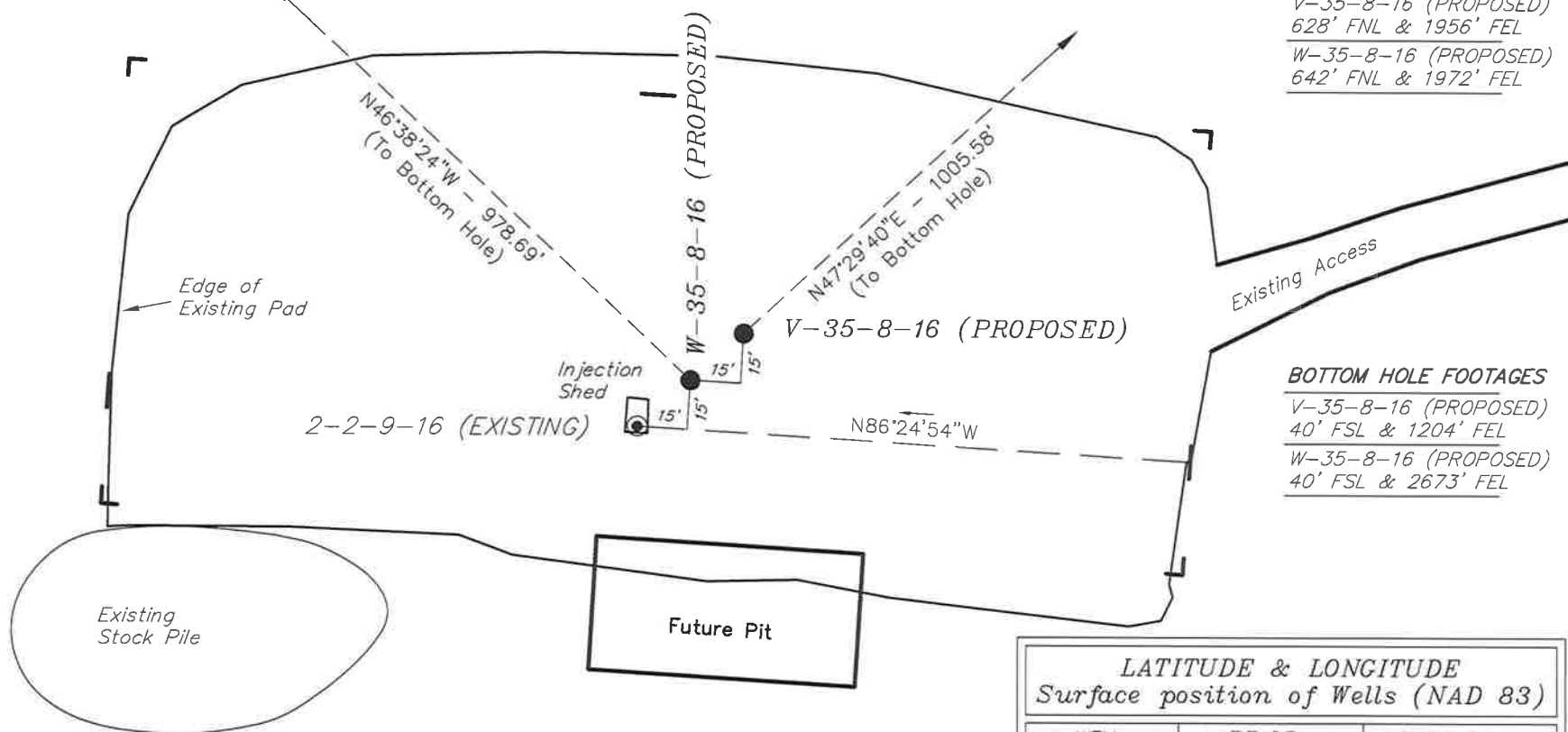
BOTTOM HOLE FOOTAGES

V-35-8-16 (PROPOSED)

40' FSL & 1204' FEL

W-35-8-16 (PROPOSED)

40' FSL & 2673' FEL



RELATIVE COORDINATES From top hole to bottom hole

WELL	NORTH	EAST
V-35-8-16	679'	741'
W-35-8-16	672'	-712'

Note:

Bearings are based on GLO Information.

SURVEYED BY: S.V.	DATE SURVEYED: 06-29-09
DRAWN BY: F.T.M.	DATE DRAWN: 06-30-09
SCALE: 1" = 50'	REVISED:

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
V-35-8-16	40° 03' 55.51"	110° 05' 03.15"
W-35-8-16	40° 03' 55.37"	110° 05' 03.36"
2-2-9-16	40° 03' 55.23"	110° 05' 03.57"

Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

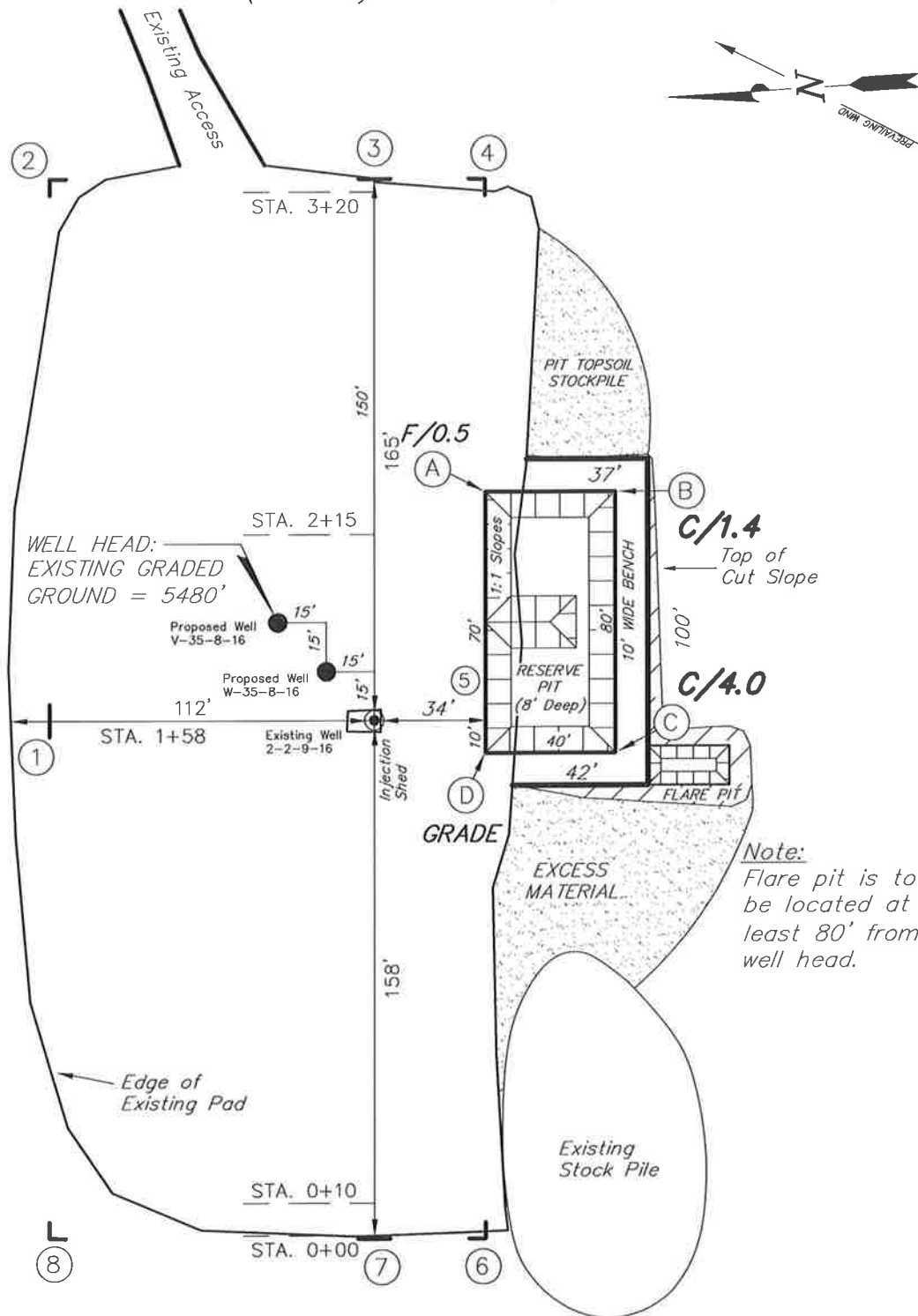
NEWFIELD PRODUCTION COMPANY

MONUMENT BUTTE V-35-8-16 (Proposed Well)

MONUMENT BUTTE W-35-8-16 (Proposed Well)

MONUMENT BUTTE 2-2-9-16 (Existing Well)

Pad Location: NWNE (LOT 2) Section 2, T9S, R16E, S.L.B.&M.



SURVEYED BY: S.V.	DATE SURVEYED: 06-29-09
DRAWN BY: F.T.M.	DATE DRAWN: 06-30-09
SCALE: 1" = 50'	REVISED:

Tri State
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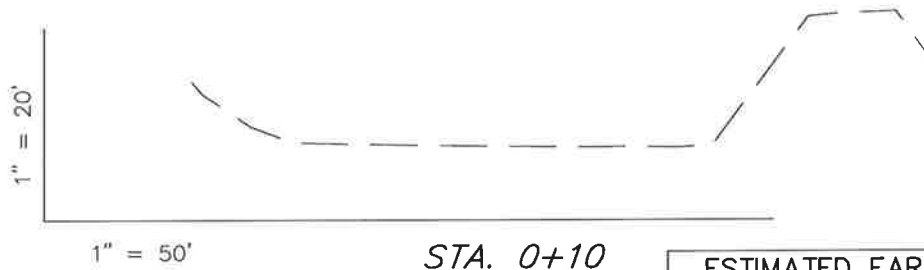
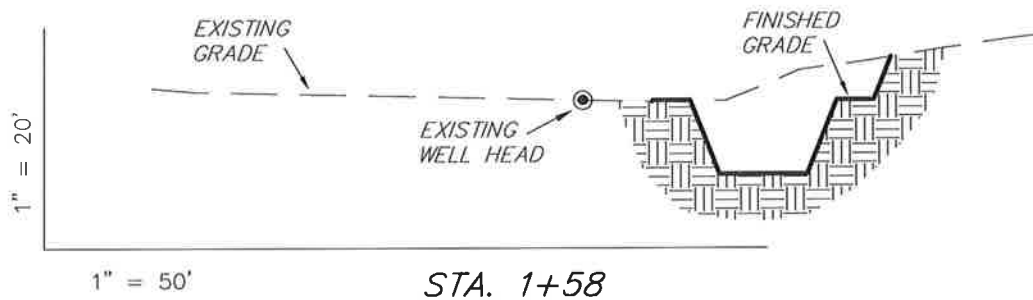
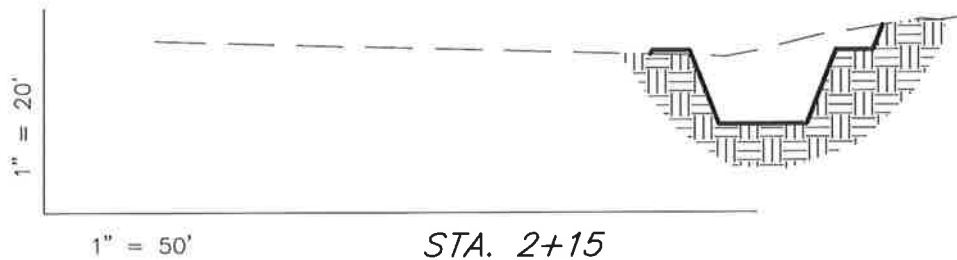
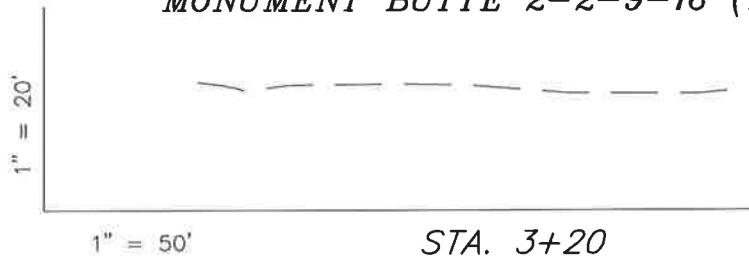
NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

MONUMENT BUTTE V-35-8-16 (Proposed Well)

MONUMENT BUTTE W-35-8-16 (Proposed Well)

MONUMENT BUTTE 2-2-9-16 (Existing Well)



NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	390	20	Topsoil is not included in Pad Cut	370
PIT	640	0		640
TOTALS	1,030	20	130	1,010

SURVEYED BY: S.V.	DATE SURVEYED: 06-29-09
DRAWN BY: F.T.M.	DATE DRAWN: 06-30-09
SCALE: 1" = 50'	REVISED:

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

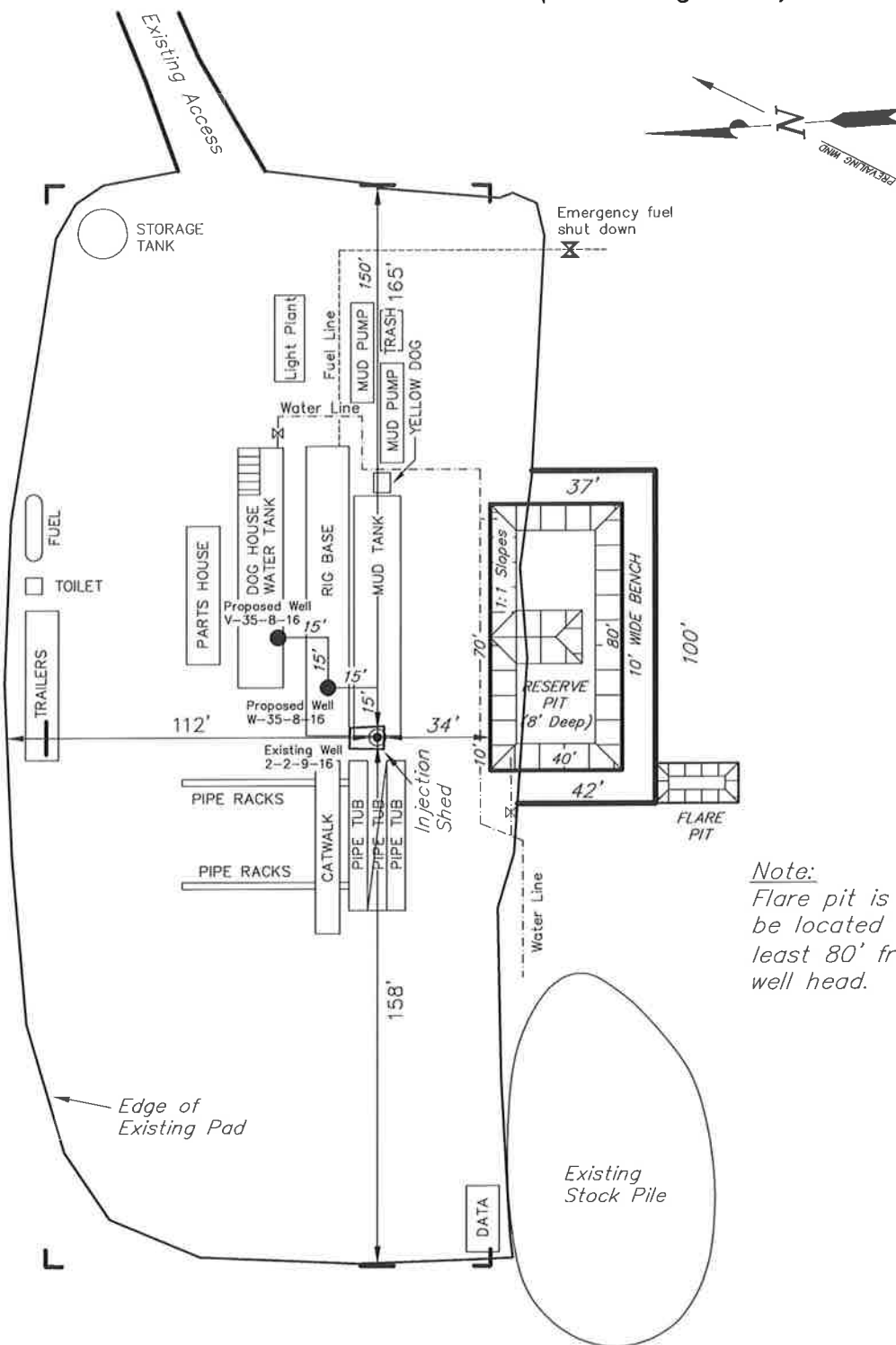
NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

MONUMENT BUTTE V-35-8-16 (Proposed Well)

MONUMENT BUTTE W-35-8-16 (Proposed Well)

MONUMENT BUTTE 2-2-9-16 (Existing Well)



Note:
Flare pit is to
be located at
least 80' from
well head.

SURVEYED BY: S.V.	DATE SURVEYED: 06-29-09
DRAWN BY: F.T.M.	DATE DRAWN: 06-30-09
SCALE: 1" = 50'	REVISED:

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

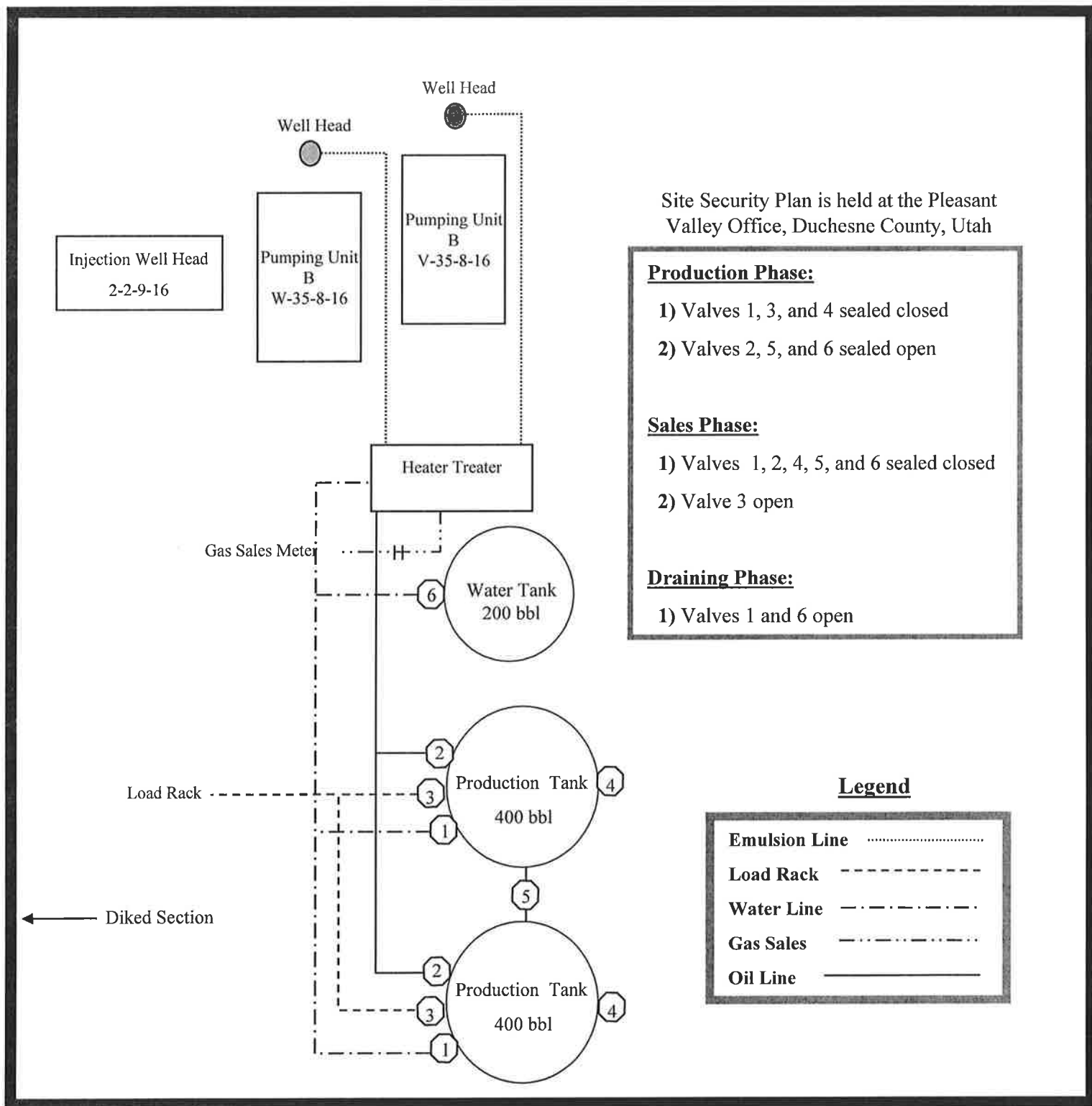
Newfield Production Company Proposed Site Facility Diagram

Monument Butte Federal V-35-8-16

From the 2-2-9-16 Location

NW/NE (Lot #2) Sec. 2 T9S, R16E

Duchesne County, Utah



Site Security Plan is held at the Pleasant Valley Office, Duchesne County, Utah

Production Phase:

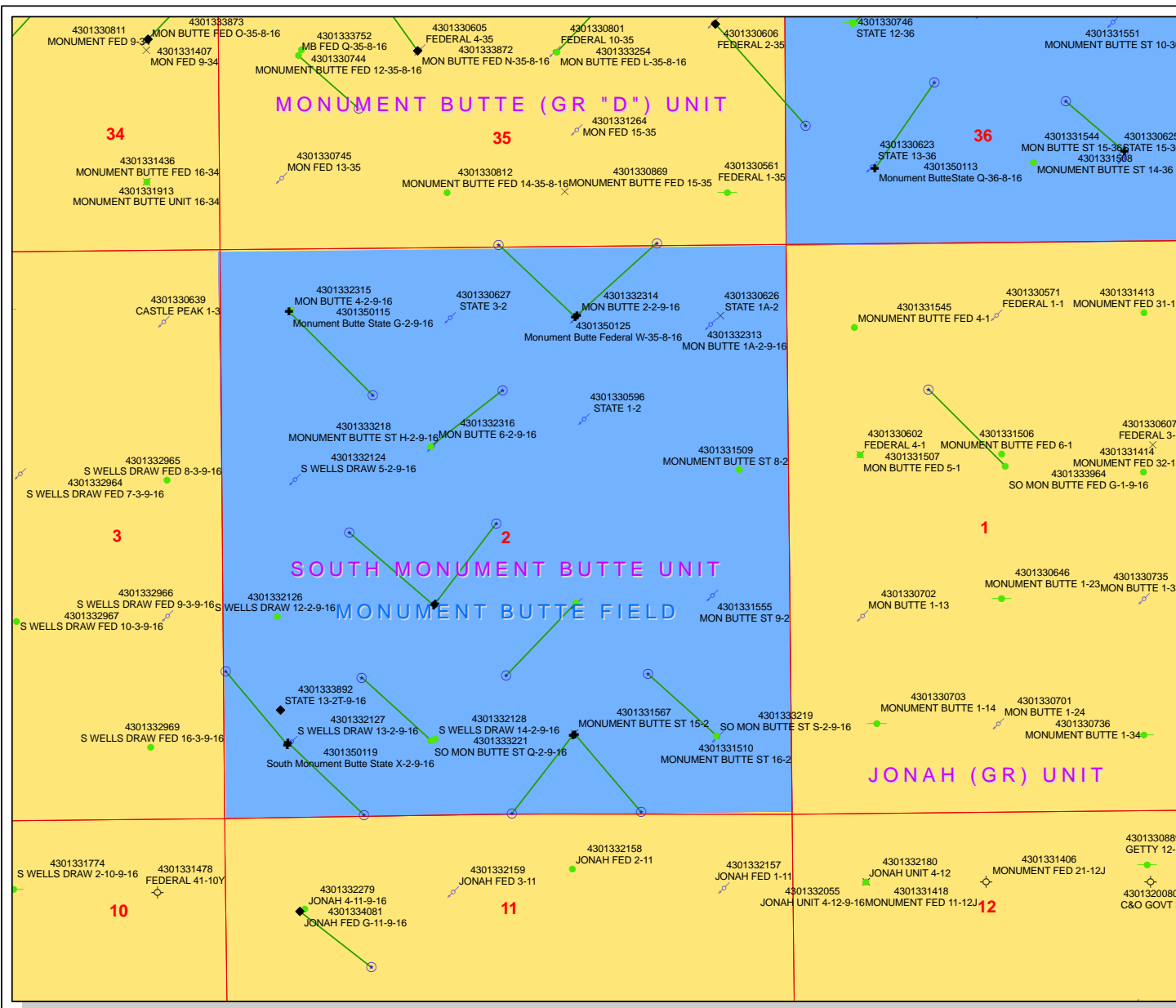
- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5, and 6 sealed open

Sales Phase:

- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

Draining Phase:

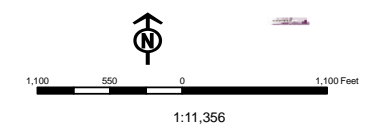
- 1) Valves 1 and 6 open



API Number: 4301350124
Well Name: Monument Butte Federal V-35-8-16
Township 09.0 S Range 16.0 E Section 2
Meridian: SLBM
Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
 Map Produced by Diana Mason

- | | |
|---------------|---------------------------|
| Units | Wells Query Events |
| STATUS | GIS_STAT_TYPE |
| ACTIVE | <call other values> |
| EXPLORATORY | APD |
| GAS STORAGE | DRL |
| NF PP OIL | GI |
| PP GAS | GS |
| PP GEOTHERMAL | LA |
| PP OIL | NEW |
| SECONDARY | OPS |
| TERMINATED | PA |
| Fields | PGW |
| STATUS | POW |
| ACTIVE | RET |
| COMBINED | SGW |
| Sections | SOW |
| | TA |
| | TW |
| | WD |
| | WI |
| | WS |



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160
(UT-922)

August 28, 2009

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2009 Plan of Development Monument Butte Unit, Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2009 within the Monument Butte Unit, Duchesne County, Utah.

API #	WELL NAME	LOCATION
43-013-50115	Monument Butte G-02-9-16	Sec 02 T09S R16E 0564 FNL 0658 FWL BHL Sec 02 T09S R16E 1355 FNL 1430 FWL
43-013-50116	Monument Butte M-02-9-16	Sec 02 T09S R16E 1819 FNL 1990 FWL BHL Sec 02 T09S R16E 2560 FNL 2572 FWL
43-013-50124	Monument Butte V-35-8-16	Sec 02 T09S R16E 0628 FNL 1956 FEL BHL Sec 35 T08S R16E 0040 FSL 1204 FEL
43-013-50125	Monument Butte W-35-8-16	Sec 02 T09S R16E 0642 FNL 1972 FEL BHL Sec 35 T08S R16E 0040 FSL 2611 FWL

This office has no objection to permitting the Monument Butte V-35-8-16 and the Monument Butte W-35-8-16 at this time. The other two wells should be deferred until the approval of the Greater Monument Butte Unit.

/s/ Michael L. Coulthard

bcc: File – Monument Butte Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron

Fluid Chron

MCoulthard:mc:8-28-09



November 23, 2009

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
P.O. Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling
Monument Butte Federal V-35-8-16
Greater Monument Butte (Green River) Unit
UTU-16535
Surface Hole: T9S-R16E Section 2: NWNE (Lot 2)
628' FNL 1956' FEL

43-013-50124

At Target: T8S-R16E Section 35: SESE
40' FSL 1204' FEL

Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing by Newfield Production Company (NPC) of an Application for Permit to Drill the above referenced well dated 8/26/09, a copy of which is attached, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole and target locations of this well are both within the boundaries of the Greater Monument Butte Unit (UTU-87538X), of which Newfield certifies that it is the operator. Further, Newfield certifies that all lands within 460 feet of the entire directional well bore are within the Greater Monument Butte Unit.

NPC is permitting this well as a directional well in order to mitigate surface disturbance by utilizing pre-existing roads and pipelines.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please contact the undersigned at 303-383-4197 or by email at sgillespie@newfield.com. Your consideration in this matter is greatly appreciated.

Sincerely,
Newfield Production Company

A handwritten signature in blue ink, appearing to read "Shane Gillespie".

Shane Gillespie
Land Associate

RECEIVED

NOV 30 2009

DIV. OF OIL, GAS & MINING

From: Jim Davis
To: Bonner, Ed; Mason, Diana
Date: 12/7/2009 12:29 PM
Subject: Newfield Well approvals

CC: Garrison, LaVonne; Higgins, Kurt; teaton@newfield.com

The following wells have been approved by SITLA including arch and paleo clearance. These wells are in the Monument Butte Unit on State surface, but bottom on Federal minerals.

Monument Butte Federal V-35-8-16 (4301350124)
Monument Butte Federal W-35-8-16 (4301350125)

-Jim

Jim Davis
Utah Trust Lands Administration
jimdavis1@utah.gov
Phone: (801) 538-5156

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator NEWFIELD PRODUCTION COMPANY
Well Name Monument Butte Federal V-35-8-16
API Number 43013501240000 **APD No** 1958 **Field/Unit** MONUMENT BUTTE
Location: 1/4,1/4 NWNE **Sec 2 Tw** 9.0S **Rng** 16.0E 628 FNL 1956 FEL
GPS Coord (UTM) 578160 4435215 **Surface Owner**

Participants

Floyd Bartlett (DOGM), Tim Eaton (Newfield).

Regional/Local Setting & Topography

The proposed Monument Butte State V-35-8-16 and the Monument Butte State W-35-18-16 are proposed oil wells to be directionally drilled from the existing pad of the Monument Butte State 2-2-9-16 water flood injection well. No changes are planned to the existing pad. The reserve pit will be re-dug near the original location in the southeast side of the pad. The wells are on 20-acre spacing.

A field review of the site and the existing pad showed no concerns and should be suitable for drilling and operating the proposed additional wells.

SITLA owns the surface and the minerals are Federal administered by the Bureau of Land Management. Both parties were invited to the pre-site visit but did not attend.

Surface Use Plan

Current Surface Use
Existing Well Pad

New Road Miles	Well Pad	Src Const Material	Surface Formation
	Width Length		
0			

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands

Flora / Fauna
Existing Well Pad

Soil Type and Characteristics

Erosion Issues

Sedimentation Issues

Site Stability Issues

Drainage Diverson Required?

Berm Required?

Erosion Sedimentation Control Required?

Paleo Survey Run?

Paleo Potential Observed?

Cultural Survey Run?

Cultural Resources?

Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet)	100 to 200	5
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)		20
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)		0
Affected Populations		
Presence Nearby Utility Conduits	Not Present	0
Final Score		40

1 Sensitivity Level

Characteristics / Requirements

A reserve pit will be re-dug near the original location. Its dimensions are 80' x 40' x 8' deep. A 10-foot wide bench is provided around the outside. A 16-mil liner with an appropriate sub-liner is required.

Closed Loop Mud Required? N

Liner Required? Y

Liner Thickness 16

Pit Underlayment Required? Y

Other Observations / Comments

Floyd Bartlett
Evaluator

8/24/2009
Date / Time

Application for Permit to Drill

Statement of Basis

12/14/2009

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
1958	43013501240000	SITLA	OW	S	No
Operator	NEWFIELD PRODUCTION COMPANY		Surface Owner-APD		
Well Name	Monument Butte Federal V-35-8-16		Unit	GMBU (GRRV)	
Field	MONUMENT BUTTE		Type of Work	DRILL	
Location	NWNE 2 9S 16E S 628 FNL 1956 FEL GPS Coord (UTM) 578161E 4435208N				

Geologic Statement of Basis

The mineral rights for the proposed well are owned by the Federal Government. The BLM will be the agency responsible for evaluating and approving the drilling, casing and cementing programs.

Brad Hill
APD Evaluator

9/1/2009
Date / Time

Surface Statement of Basis

The proposed Monument Butte State V-35-8-16 and the Monument Butte State W-35-18-16 are proposed oil wells to be directionally drilled from the existing pad of the Monument Butte State 2-2-9-16 water flood injection well. No changes are planned to the existing pad. The reserve pit will be re-dug near the original location in the southeast side of the pad. The wells are on 20-acre spacing.

A field review of the site and the existing pad showed no concerns and should be suitable for drilling and operating the proposed additional wells.

SITLA owns the surface and the minerals are Federal administered by the Bureau of Land Management. Both parties were invited to the pre-site visit but did not attend.

The Utah Division of Wildlife Resources was also invited and did not attend.

Floyd Bartlett
Onsite Evaluator

8/24/2009
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving or entering the pad.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

WORKSHEET

APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 8/26/2009

API NO. ASSIGNED: 43013501240000

WELL NAME: Monument Butte Federal V-35-8-16

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)

PHONE NUMBER: 435 646-4825

CONTACT: Mandie Crozier

PROPOSED LOCATION: NWNE 2 090S 160E

Permit Tech Review: ☒

SURFACE: 0628 FNL 1956 FEL

Engineering Review: ☐

BOTTOM: 0040 FSL 1204 FEL

Geology Review: ☒

COUNTY: DUCHESNE

LATITUDE: 40.06540

LONGITUDE: -110.08349

UTM SURF EASTINGS: 578161.00

NORTHINGS: 4435208.00

FIELD NAME: MONUMENT BUTTE

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-16535

PROPOSED PRODUCING FORMATION(S): GREEN RIVER

SURFACE OWNER: 3 - State

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- ☒ **PLAT**
- ☒ **Bond:** FEDERAL - WYB000493
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☒ **Water Permit:** 43-7478
- ☐ **RDCC Review:**
- ☐ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingle Approved

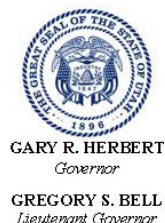
LOCATION AND SITING:

- ☐ **R649-2-3.**
- Unit:** GMBU (GRRV)
- ☐ **R649-3-2. General**
- ☒ **R649-3-3. Exception**
- ☒ **Drilling Unit**
- Board Cause No:** Cause 213-11
- Effective Date:** 11/30/2009
- Siting:** 460' fr unit boundary
- ☒ **R649-3-11. Directional Drill**

Comments: Presite Completed
BHL SEC 35;T8S SESE:

Stipulations:

- 1 - Exception Location - dmason
- 4 - Federal Approval - dmason
- 5 - Statement of Basis - bhill
- 15 - Directional - dmason
- 27 - Other - bhill



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Monument Butte Federal V-35-8-16
API Well Number: 43013501240000
Lease Number: UTU-16535
Surface Owner: STATE
Approval Date: 12/14/2009

Issued to:

NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 213-11. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

Exception Location:

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Production casing cement shall be brought up to or above the top of the unitized interval for the Greater Monument Butte Unit (Cause No. 213-11).

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <https://oilgas.ogm.utah.gov>

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:

A handwritten signature in black ink, appearing to read 'Gil Hunt', with a stylized flourish at the end.

For Gil Hunt
Associate Director, Oil & Gas

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0137
Expires July 31, 2010

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-16535
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name NA
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Monument Butte Greater Mon. Butte
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Monument Butte Federal V-35-8-16
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43 013 50124
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NW/NE (LOT #2) 628' FNL 1956' FEL Sec. 2, T9S R16E At proposed prod. zone SE/SE 40' FSL 1204' FEL Sec. 35, T8S R16E		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximately 12.4 miles south of Myton, UT		11. Sec., T. R. M. or Blk. and Survey or Area Sec. 2, T9S R16E
15. Distance from proposed* location to nearest property or lease line, ft. Approx. 40' f/se, 1204' f/unit (Also to nearest drig. unit line, if any)	16. No. of acres in lease 920.00	17. Spacing Unit dedicated to this well 20 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1469'	19. Proposed Depth 6,372'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5480' GL	22. Approximate date work will start* 4th Qtr. 2009	23. Estimated duration (7) days from SPUD to rig release

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

- | | |
|--|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM. |

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 8/26/09
Title Regulatory Specialist		
Approved by (Signature) <i>James H. Sparger</i>	Name (Printed/Typed) James H. Sparger	Date APR 01 2010
Title ACTING Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

*(Instructions on page 2)

NOTICE OF APPROVAL

UDOGM

DEPT OF THE INTERIOR
BUREAU OF LAND MGMT

2009 AUG 27 11:18 AM

NOS apd posted 09-01-09

VERNAL FIELD OFFICE

APR 06 2010

DIV. OF OIL, GAS & MINING

AFMSS# 095x50924A



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4401



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	Newfield Production Company	Location:	Lot 2, Sec. 2, T9S, R16E (S) SESE, Sec. 35, T8s, R16E (B)
Well No:	Monument Butte Federal V-35-8-16	Lease No:	UTU-16535
API No:	43-013-50124	Agreement:	Greater Monument Butte Unit

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to: ut_vn_opreport@blm.gov .
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

**State surface
No surface COAs**

***DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

SITE SPECIFIC DOWNHOLE COAs:

- Newfield Production Co. shall adhere to all referenced requirements in the SOP (version: June 24, 2008)) along with all Oil and Gas rules and requirements listed in the Code of Federal Regulations and all Federal Onshore Oil and Gas Orders

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration

Rig Name/# Ross #21

Submitted By Mitch Benson

Phone Number (435) 823-5885

Name/Numer Monument Butte V-35-8-16

Qtr/Qrt NW/NE Section 2 Township 9S Range 16E

Lease Serial Number UTU-16535

API Number 43-013-50124

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 4/15/2010 9:00:00 AM

Casing – Please report time casing run starts, not cementing times.

- ☒ Surface Casing
- ☐ Intermediate
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 4/15/2010 4:00:00 PM

Remarks:

RECEIVED

APR 14 2010

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	17400	4301350044	FEDERAL 9-25-8-15	NESE	25	8S	15E	DUCHESNE	4/30/2010	5/18/10
WELL 1 COMMENTS: GRRV											
B	99999	17400	4301350023	FEDERAL 5-25-8-15	SWNW	25	8S	15E	DUCHESNE	4/30/2010	5/18/10
GRRV											
B	99999	17400	4301350115	MON BUTTE STATE G-2-9-16	NWNW	2	9S	16E	DUCHESNE	4/29/2010	5/18/10
GRRV BML = SENW											
B	99999	17400	4301334181	FEDERAL 13-30-9-16	SWSW	30	8S	16E	DUCHESNE	4/27/2010	5/18/10
GRRV											
B	99999	17400	4301334084	GREATER BOUNDARY II B-3-9-17	NENE	3	9S	17E	DUCHESNE	4/27/2010	5/18/10
WELL 5 COMMENTS: GRRV BML = NENE											
B	99999	17400	4301350124	MON BUTTE V-35-8-16	NWNE	25	9S	16E	DUCHESNE	4/16/2010	5/18/10
WELL 5 COMMENTS: GRRV BML = T 8S Sec 35 SESE											

ACTION CODES (See instructions on back of form)

- A - 1 new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED

MAY 03 2010

DIV. OF OIL, GAS & MINING

Signature

Production Clerk

Jentri Park

04/30/10

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435 646 3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Section 35 T8S R16E

9S 16E 2

5. Lease Serial No.

USA UTU-16535

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

GMBU

8. Well Name and No.

MONUMENT BUTTE FEDERAL V-35-8-16

9. API Well No.

4301350124

10. Field and Pool, or Exploratory Area

GREATER MB UNIT

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 4/16/10 MIRU Ross # 21. Spud well @ 9:00 AM. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24# casing. Set @ 320.89' KB. On 4/23/10 cement with 160 sks of class "G" w/ 2% CaCL2 + 1/4# per sk Cello Flake mixed @ 15.8 ppg with 1.17 cf/sk yield. Returned 17 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Mitch Benson
Signature

Title

Drilling Foreman

Date

04/26/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

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MAY 11 2010

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8" CASING SET AT

320.89

LAST CASING 14 SET AT 5
 DATUM 13
 DATUM TO CUT OFF CASING 13
 DATUM TO BRADENHEAD FLANGE 13
 TD DRILLER 320 LOGGER _____
 HOLE SIZE 12 1/4"

OPERATOR Newfield Exploration Company
 WELL MON BUTTE V-35-8-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Ross Rig #21

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
1		Well Head				A	0.95
7	8 5/8"	ST&C Casing (44.07' shoe jt)	24	J-55	STC	A	309.04
1		Guide Shoe				A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			310.89
TOTAL LENGTH OF STRING		310.89	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			320.89
TOTAL		309.04	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		309.04	7				
TIMING							
BEGIN RUN CSG.	Spud	9:00 AM	4/16/2010	GOOD CIRC THRU JOB <u>Yes</u>			
CSG. IN HOLE		4:00 PM	4/16/2010	Bbls CMT CIRC TO SURFACE <u>17</u>			
BEGIN CIRC		8:23 AM	4/23/2010	RECIPROCATED PIPI <u>No</u>			
BEGIN PUMP CMT		8:33 AM	4/23/2010	BUMPED PLUG TO <u>301</u>			
BEGIN DSPL. CMT		8:46 AM	4/23/2010				
PLUG DOWN		8:52 AM	4/23/2010				

COMPANY REPRESENTATIVE Mitch Benson DATE 4/26/2010

Mitch Benson

DATE **4/26/2010**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

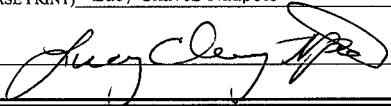
1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-16535
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: GMBU
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GMBU
4. LOCATION OF WELL: FOOTAGES AT SURFACE:		8. WELL NAME and NUMBER: MONUMENT BUTTE FEDERAL V-35-8-16
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: , 35, T8S, R16E		9. API NUMBER: 4301350124
BHL 7 9S 16E 2		10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 06/15/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The MONUMENT BUTTE FEDERAL V-35-8-16 well was completed on 06-15-10, attached is a daily completion status report.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant
SIGNATURE  DATE 06/15/2010

(This space for State use only)

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JUN 21 2010
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

MON BUTTE V-35-8-16

4/1/2010 To 8/30/2010

5/29/2010 Day: 1

Completion

Rigless on 5/29/2010 - Ran CBL & perf'd stage #1. - NU frac head & Cameron BOP's. RU Hot oiler & test casing, frac head, frac valves & BOP to 4500 psi. RU Perforators LLC WLT w/ mast & pack off. Run CBL under pressure. WLTD was 6241' w/ TOC @ 55'. RIH w/ 3 1/8" ported guns & perforate CP4 sds @ 6026'-6030' & 6050'-6053' and CP2 sds @ 5952'-5954' w/ (11 gram, .36"EH, 16.82" pen. 120°) 3 spf for total of 27 shots. RD WLT & Hot Oiler. SIFN w/ 150 BWTR.

Daily Cost: \$0

Cumulative Cost: \$12,445

6/5/2010 Day: 2

Completion

Rigless on 6/5/2010 - Frac stg #1. Perforate frac stgs #2-6. Flow back well - MIRU The Perforators WLT & crane. RU BJ Services frac equipment. Frac stage #1. Perforate & frac stages #2-6. EWTR 2375 BBLs. RU flow back equipment. Open well to pit for flow back. Flow back well for 8 hrs to recover 1152 bbls. Turned to oil. EWTR 1223 BBLs

Daily Cost: \$0

Cumulative Cost: \$107,615

6/14/2010 Day: 5

Completion

WWS #5 on 6/14/2010 - Drill out plugs. RU to flow - MIRU The Perforators WLT & crane. RIH w/ wireline. Set solid CBP @ 4350'. POOH w/ wireline. RD WLT & crane. Wait on completion rig - MIRUSU WWS #5. Open well. CSG 225 psi. Bleed off well. ND Cameron BOP. Break out frac head. MU well head. NU Schaffer BOP. RU workfloor. Prep & tally tbg. MU 4 3/4" Weatherford chomp bit, bit sub, & PSN. TIH picking up & tallying tbg. Get in hole w/ 137 jts 2 7/8" J-55 tbg. Circulate well clean. SDFN - MIRU The Perforators WLT & crane. RIH w/ wireline. Set solid CBP @ 4350'. POOH w/ wireline. RD WLT & crane. Wait on completion rig - MIRUSU WWS #5. Open well. CSG 225 psi. Bleed off well. ND Cameron BOP. Break out frac head. MU well head. NU Schaffer BOP. RU workfloor. Prep & tally tbg. MU 4 3/4" Weatherford chomp bit, bit sub, & PSN. TIH picking up & tallying tbg. Get in hole w/ 137 jts 2 7/8" J-55 tbg. Circulate well clean. SDFN - Open well. CSG 0 psi. RU power swivel & pump lines. Tag plug. Catch circulation. Drill out plug. Continue picking up tbg to tag next plug @ 4580'. Drill out plug. Continue picking up tbg to tag next plug @ 5050'. Drill out plug. Continue picking up tbg to tag next plug @ 5620'. Drill out plug. Continue picking up tbg to tag sand @ 6163'. Clean out sand to sand to PBD @ 6304'. Circulate clean. RD power swivel. LD 3 jts tbg to leave EOT @ 6202'. RU tbg to flow up flowline for night on 24/64" choke. SDFW - MIRU The Perforators WLT & crane. RIH w/ wireline. Set solid CBP @ 4350'. POOH w/ wireline. RD WLT & crane. Wait on completion rig - Open well. CSG 0 psi. RU power swivel & pump lines. Tag plug. Catch circulation. Drill out plug. Continue picking up tbg to tag next plug @ 4580'. Drill out plug. Continue picking up tbg to tag next plug @ 5050'. Drill out plug. Continue picking up tbg to tag next plug @ 5620'. Drill out plug. Continue picking up tbg to tag sand @ 6163'. Clean out sand to sand to PBD @ 6304'. Circulate clean. RD power swivel. LD 3 jts tbg to leave EOT @ 6202'. RU tbg to flow up flowline for night on 24/64" choke. SDFW - MIRUSU WWS #5. Open well. CSG 225 psi. Bleed off well. ND Cameron BOP. Break out frac head. MU well head. NU Schaffer BOP. RU workfloor. Prep & tally tbg. MU 4 3/4" Weatherford chomp bit, bit sub, & PSN. TIH picking up & tallying tbg. Get in hole w/ 137 jts 2 7/8" J-55 tbg. Circulate

well clean. SDFN - Open well. CSG 0 psi. RU power swivel & pump lines. Tag plug. Catch circulation. Drill out plug. Continue picking up tbg to tag next plug @ 4580'. Drill out plug. Continue picking up tbg to tag next plug @ 5050'. Drill out plug. Continue picking up tbg to tag next plug @ 5620'. Drill out plug. Continue picking up tbg to tag sand @ 6163'. Clean out sand to sand to PBTD @ 6304'. Circulate clean. RD power swivel. LD 3 jts tbg to leave EOT @ 6202'. RU tbg to flow up flowline for night on 24/64" choke. SDFW

Daily Cost: \$0

Cumulative Cost: \$164,214

6/15/2010 Day: 6**Completion**

WWS #5 on 6/15/2010 - Trip for production. PU rods. PWOP - Open well. CSG 550 psi. TBG 200 psi. Pump 30 bbls 10# brine. TIH w/ 3 jts tbg to tag sand @ 6292'. 12' sand. Clean out to PBTD @ 6304'. Circulate well clean w/ 250 bbls brine. LD 6 jts & TOOH w/ 195 jts tbg. LD bit & bit sub. MU BTM hole assembly. TIH w/ tbg detail @ follows. NC, 2 jts, PSN, 2 jts, TAC, & 191 jts tbg. Get in hole w/ tbg. RD workfloor. ND BOP. Set TAC. MU B-1 adapter flange. Land tbg w/ 18000# tension. X-over to rod equipment. PU & prime new Central Hydraulic 2 1/2" x 1 3/4" x 21' x 24' RHAC pump. TIH w/ rod detail @ follows. 6 - 1 1/2" wt bars, & 236 - 7/8" guided rods. Get in hole w/ rods. Space out pump w/ 1 - 2', 4', & 8' pony subs. PU new 1 1/2" x 30' polished rod. RU pumping unit. Stroke test pump to 800 psi w/ unit. RDMOSU PWOP @ 6:00 PM W/ 144" SL @ 5 SPM FINAL REPORT! EWTR 1100 BLS **Finalized**

Daily Cost: \$0

Cumulative Cost: \$205,464

Pertinent Files: Go to File List

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU-16535

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: _____

6. If Indian, Allottee or Tribe Name

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

7. Unit or CA Agreement Name and No.
GMBU

3. Address
1401 17TH ST. SUITE 1000 DENVER, CO 80202

3a. Phone No. (include area code)
(435)646-3721

8. Lease Name and Well No.
MONUMENT BUTTE FED V-35-8-16

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 628' FNL & 1956' FEL (NW/NE) SEC. 2, T9S, R16E (UTU-16535)

At top prod. interval reported below 95' FNL & 1371' FEL (NW/NE) SEC. 2, T9S, R16E (UTU-16535)

At total depth 168' FSL & 1077' FEL (SE/SE) SEC. 35, T8S, R16E (UTU-16535)

10. Field and Pool or Exploratory
MONUMENT BUTTE

11. Sec., T., R., M., on Block and
Survey or Area SEC. 2, T9S, R16E

12. County or Parish
DUCHESNE

13. State
UT

14. Date Spudded
04/16/2010

15. Date T.D. Reached
05/22/2010

16. Date Completed 06/14/2010
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5480' GL 5492' KB

18. Total Depth: MD 6360'
TVD 6230'

19. Plug Back T.D.: MD 6304'
TVD 6175

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	321'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6351'		251 PRIMLITE		55'	
						426 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT @ 6119'	TA @ 5989'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River			5952-6053' CP2 CP4	.36"	3	27
B) Green River			5835-5885' CP.5 CP1	.36"	3	27
C) Green River			5497-5548' A3	.36"	3	36
D) Green River			5132-5156' C	.36"	3	18

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
5952-6053'	Frac w/ 34718#'s 20/40 sand in 236 bbls of Lightning 17 fluid.
5835-5885'	Frac w/ 45114#'s 20/40 sand in 293 bbls of Lightning 17 fluid.
5497-5548'	Frac w/ 54557#'s 20/40 sand in 347 bbls of Lightning 17 fluid.
5132-5156'	Frac w/ 14911#'s 20/40 sand in 128 bbls of Lightning 17 fluid.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
6-14-10	6-25-10	24	→	132	0	19			2-1/2" x 1-3/4" x 21' x 24' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

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JUL 12 2010

DIV. OF OIL, GAS & MINING

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	3893' 4109'
				GARDEN GULCH 2 POINT 3	4230' 4508'
				X MRKR Y MRKR	4765' 4801'
				DOUGALS CREEK MRK BI CARBONATE MRK	4929' 5182'
				B LIMESTON MRK CASTLE PEAK	5314' 5804'
				BASAL CARBONATE	6223'

32. Additional remarks (include plugging procedure):

Stage 5: Green River Formation (D1) 4975-4982', .36" 3/21 Frac w/ 18403#s of 20/40 sand in 163 bbls of Lightning 17 fluid

Stage 6: Green River Formation (GB4 & GB6) 4404-4502', .36" 3/30 Frac w/ 30281#s of 20/40 sand in 233 bbls of Lightning 17 fluid

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other: Drilling Daily Activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Lucy Chavez-NaupotoTitle Administrative AssistantSignature Date 07/06/2010

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)

NEWFIELD



NEWFIELD EXPLORATION

USGS Myton SW (UT)

SECTION 2 9S 16E

V-35-8-16

Wellbore #1

Design: Actual

Standard Survey Report

22 June, 2010

HATHAWAY ^{HB}BURNHAM
DIRECTIONAL & MWD SERVICES



HATHAWAY BURNHAM

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 2 9S 16E
Well: V-35-8-16
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well V-35-8-16
TVD Reference: V-35-8-16 @ 5492.0ft (CAPSTAR 328)
MD Reference: V-35-8-16 @ 5492.0ft (CAPSTAR 328)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Project	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	SECTION 2 9S 16E, SEC 2 9S 16E		
Site Position:		Northing:	7,193,600.00 ft
From:	Map	Easting:	2,036,100.00 ft
Position Uncertainty:	0.0 ft	Slot Radius:	"
		Latitude:	40° 3' 34.952 N
		Longitude:	110° 5' 10.480 W
		Grid Convergence:	0.91 °

Well	V-35-8-16, SHL LAT 40 03 55.51, -110 05 03.15 SHL IN SEC 2		
Well Position	+N/-S	0.0 ft	Latitude: 40° 3' 55.510 N
	+E/-W	0.0 ft	Longitude: 110° 5' 3.150 W
Position Uncertainty	0.0 ft	Wellhead Elevation:	5,492.0 ft
		Ground Level:	5,480.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	2009/07/16	11.56	65.86	52,498

Design	Actual			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	47.49

Survey Program	Date 2010/06/22			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
383.0	6,360.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
383.0	0.90	289.00	383.0	1.0	-2.8	-1.4	0.23	0.23	0.00
414.0	0.79	302.50	414.0	1.2	-3.3	-1.6	0.73	-0.35	43.55
445.0	0.73	307.66	445.0	1.4	-3.6	-1.7	0.29	-0.19	16.65
475.0	1.01	322.10	475.0	1.7	-3.9	-1.7	1.18	0.93	48.13
506.0	0.90	344.80	506.0	2.2	-4.1	-1.6	1.26	-0.35	73.23
537.0	1.56	0.66	537.0	2.8	-4.2	-1.2	2.38	2.13	51.16
567.0	1.85	16.11	567.0	3.7	-4.1	-0.5	1.80	0.97	51.50
598.0	2.13	16.50	597.9	4.7	-3.8	0.4	0.90	0.90	1.26
629.0	2.46	24.40	628.9	5.9	-3.3	1.5	1.47	1.06	25.48
659.0	2.80	33.00	658.9	7.1	-2.7	2.8	1.73	1.13	28.67
690.0	3.20	40.20	689.8	8.4	-1.7	4.4	1.77	1.29	23.23
720.0	3.49	46.10	719.8	9.7	-0.5	6.2	1.50	0.97	19.67



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 2 9S 16E
Well: V-35-8-16
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well V-35-8-16
TVD Reference: V-35-8-16 @ 5492.0ft (CAPSTAR 328)
MD Reference: V-35-8-16 @ 5492.0ft (CAPSTAR 328)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
751.0	3.74	46.41	750.7	11.0	0.9	8.1	0.81	0.81	1.00
782.0	4.30	48.50	781.6	12.5	2.5	10.3	1.87	1.81	6.74
812.0	4.68	52.36	811.6	14.0	4.3	12.7	1.62	1.27	12.87
858.0	5.10	54.90	857.4	16.3	7.5	16.6	1.03	0.91	5.52
903.0	5.40	53.80	902.2	18.7	10.8	20.6	0.70	0.67	-2.44
948.0	6.20	53.90	947.0	21.4	14.5	25.2	1.78	1.78	0.22
994.0	6.60	53.00	992.7	24.4	18.6	30.3	0.90	0.87	-1.96
1,039.0	7.10	52.10	1,037.4	27.7	22.9	35.6	1.14	1.11	-2.00
1,084.0	7.80	50.30	1,082.0	31.4	27.4	41.4	1.64	1.56	-4.00
1,129.0	8.40	51.10	1,126.5	35.4	32.4	47.8	1.36	1.33	1.78
1,175.0	9.10	49.70	1,172.0	39.8	37.7	54.7	1.59	1.52	-3.04
1,220.0	9.20	50.60	1,216.4	44.4	43.2	61.9	0.39	0.22	2.00
1,265.0	9.60	49.00	1,260.8	49.2	48.8	69.2	1.06	0.89	-3.56
1,311.0	10.30	51.50	1,306.1	54.3	55.0	77.2	1.79	1.52	5.43
1,356.0	10.90	50.80	1,350.4	59.4	61.4	85.4	1.36	1.33	-1.56
1,401.0	11.20	49.00	1,394.5	65.0	68.0	94.1	1.02	0.67	-4.00
1,447.0	11.60	50.40	1,439.6	70.9	74.9	103.1	1.06	0.87	3.04
1,492.0	12.60	50.40	1,483.6	76.9	82.2	112.6	2.22	2.22	0.00
1,537.0	12.70	47.60	1,527.5	83.4	89.6	122.4	1.38	0.22	-6.22
1,583.0	12.90	47.10	1,572.4	90.3	97.1	132.6	0.50	0.43	-1.09
1,628.0	13.00	47.70	1,616.2	97.1	104.6	142.7	0.37	0.22	1.33
1,718.0	13.40	45.10	1,703.9	111.3	119.4	163.2	0.80	0.44	-2.89
1,809.0	13.00	45.60	1,792.5	125.9	134.2	184.0	0.46	-0.44	0.55
1,900.0	13.50	45.20	1,881.0	140.5	149.1	204.8	0.56	0.55	-0.44
1,991.0	13.20	45.70	1,969.6	155.3	164.0	225.8	0.35	-0.33	0.55
2,081.0	13.40	46.30	2,057.2	169.6	178.9	246.5	0.27	0.22	0.67
2,172.0	13.30	47.80	2,145.7	184.0	194.3	267.5	0.40	-0.11	1.65
2,262.0	13.30	48.70	2,233.3	197.7	209.8	288.2	0.23	0.00	1.00
2,353.0	13.30	46.10	2,321.8	211.9	225.2	309.2	0.66	0.00	-2.86
2,443.0	14.00	47.80	2,409.3	226.4	240.7	330.4	0.90	0.78	1.89
2,534.0	13.60	48.60	2,497.7	240.9	256.9	352.1	0.49	-0.44	0.88
2,624.0	13.20	47.50	2,585.2	254.8	272.4	373.0	0.53	-0.44	-1.22
2,715.0	12.30	44.80	2,674.0	268.7	286.9	393.0	1.19	-0.99	-2.97
2,806.0	12.80	43.70	2,762.8	282.9	300.7	412.8	0.61	0.55	-1.21
2,897.0	13.58	46.39	2,851.4	297.5	315.4	433.5	1.09	0.86	2.96
2,987.0	14.40	50.50	2,938.7	311.9	331.6	455.3	1.43	0.91	4.57
3,078.0	14.30	53.79	3,026.9	325.8	349.4	477.7	0.90	-0.11	3.62
3,168.0	13.72	51.39	3,114.2	339.0	366.8	499.4	0.91	-0.64	-2.67
3,259.0	13.50	47.90	3,202.7	352.9	383.1	520.8	0.93	-0.24	-3.84
3,350.0	12.83	47.20	3,291.3	366.8	398.4	541.5	0.76	-0.74	-0.77
3,440.0	13.80	47.90	3,378.9	380.8	413.7	562.3	1.09	1.08	0.78
3,531.0	13.50	46.50	3,467.3	395.4	429.4	583.7	0.49	-0.33	-1.54
3,621.0	13.75	47.66	3,554.8	409.8	444.9	604.9	0.41	0.28	1.29
3,712.0	13.43	49.86	3,643.2	423.9	461.0	626.3	0.67	-0.35	2.42
3,803.0	13.45	49.07	3,731.7	437.7	477.1	647.4	0.20	0.02	-0.87
3,893.0	12.33	47.75	3,819.4	451.0	492.1	667.5	1.29	-1.24	-1.47
3,984.0	12.20	47.80	3,908.4	464.0	506.4	686.9	0.14	-0.14	0.05
4,075.0	12.63	48.34	3,997.2	477.1	521.0	706.4	0.49	0.47	0.59
4,165.0	14.26	48.12	4,084.8	491.0	536.6	727.3	1.81	1.81	-0.24
4,256.0	13.73	46.34	4,173.1	506.0	552.7	749.3	0.75	-0.58	-1.96
4,346.0	13.60	49.80	4,260.5	520.2	568.6	770.6	0.92	-0.14	3.84
4,437.0	13.30	51.60	4,349.0	533.6	584.9	791.7	0.57	-0.33	1.98
4,528.0	13.10	52.30	4,437.6	546.4	601.3	812.4	0.28	-0.22	0.77
4,618.0	12.70	48.20	4,525.4	559.2	616.7	832.5	1.11	-0.44	-4.56



HATHAWAY BURNHAM

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 2 9S 16E
Well: V-35-8-16
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well V-35-8-16
TVD Reference: V-35-8-16 @ 5492.0ft (CAPSTAR 328)
MD Reference: V-35-8-16 @ 5492.0ft (CAPSTAR 328)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,709.0	12.70	48.60	4,614.1	572.5	631.7	852.5	0.10	0.00	0.44
4,799.0	13.00	49.20	4,701.9	585.6	646.8	872.5	0.36	0.33	0.67
4,890.0	13.40	49.60	4,790.5	599.2	662.6	893.3	0.45	0.44	0.44
4,981.0	13.30	48.40	4,879.0	612.9	678.4	914.3	0.32	-0.11	-1.32
5,071.0	13.40	45.50	4,966.6	627.1	693.6	935.1	0.75	0.11	-3.22
5,162.0	12.80	44.72	5,055.2	641.7	708.2	955.7	0.69	-0.66	-0.86
5,253.0	12.50	49.80	5,144.0	655.2	722.8	975.6	1.27	-0.33	5.58
5,343.0	12.70	51.40	5,231.8	667.7	738.0	995.2	0.45	0.22	1.78
5,411.7	12.02	50.36	5,299.0	676.9	749.4	1,009.9	1.04	-0.99	-1.51
V-35-8-16 TGT									
5,434.0	11.80	50.00	5,320.8	679.9	752.9	1,014.5	1.04	-0.99	-1.62
5,525.0	12.50	50.60	5,409.7	692.1	767.7	1,033.6	0.78	0.77	0.66
5,615.0	11.82	46.20	5,497.7	704.7	781.9	1,052.5	1.28	-0.76	-4.89
5,706.0	10.50	42.20	5,587.0	717.3	794.2	1,070.1	1.68	-1.45	-4.40
5,796.0	9.70	48.80	5,675.6	728.3	805.4	1,085.8	1.56	-0.89	7.33
5,887.0	11.30	45.60	5,765.1	739.6	817.5	1,102.4	1.87	1.76	-3.52
5,978.0	11.00	46.60	5,854.3	751.8	830.2	1,120.0	0.39	-0.33	1.10
6,068.0	10.70	47.70	5,942.7	763.4	842.6	1,137.0	0.41	-0.33	1.22
6,159.0	11.30	47.00	6,032.1	775.1	855.4	1,154.3	0.68	0.66	-0.77
6,310.0	8.00	49.20	6,180.9	792.1	874.2	1,179.6	2.20	-2.19	1.46
6,360.0	7.60	50.20	6,230.4	796.5	879.3	1,186.4	0.84	-0.80	2.00

Wellbore Targets

Target Name

- hit/miss target
- Shape

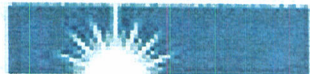
Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
0.00	0.00	5,300.0	679.4	741.2	7,196,379.91	2,037,367.25	40° 4' 2.225 N	110° 4' 53.616 W
- actual wellpath misses by 8.6ft at 5411.8ft MD (5299.0 TVD, 676.9 N, 749.4 E)								
- Circle (radius 75.0)								

Checked By: _____

Approved By: _____

Date: _____

NEWFIELD



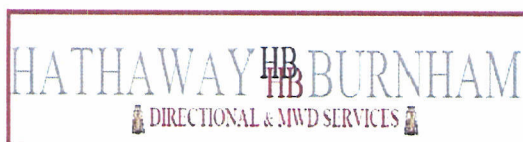
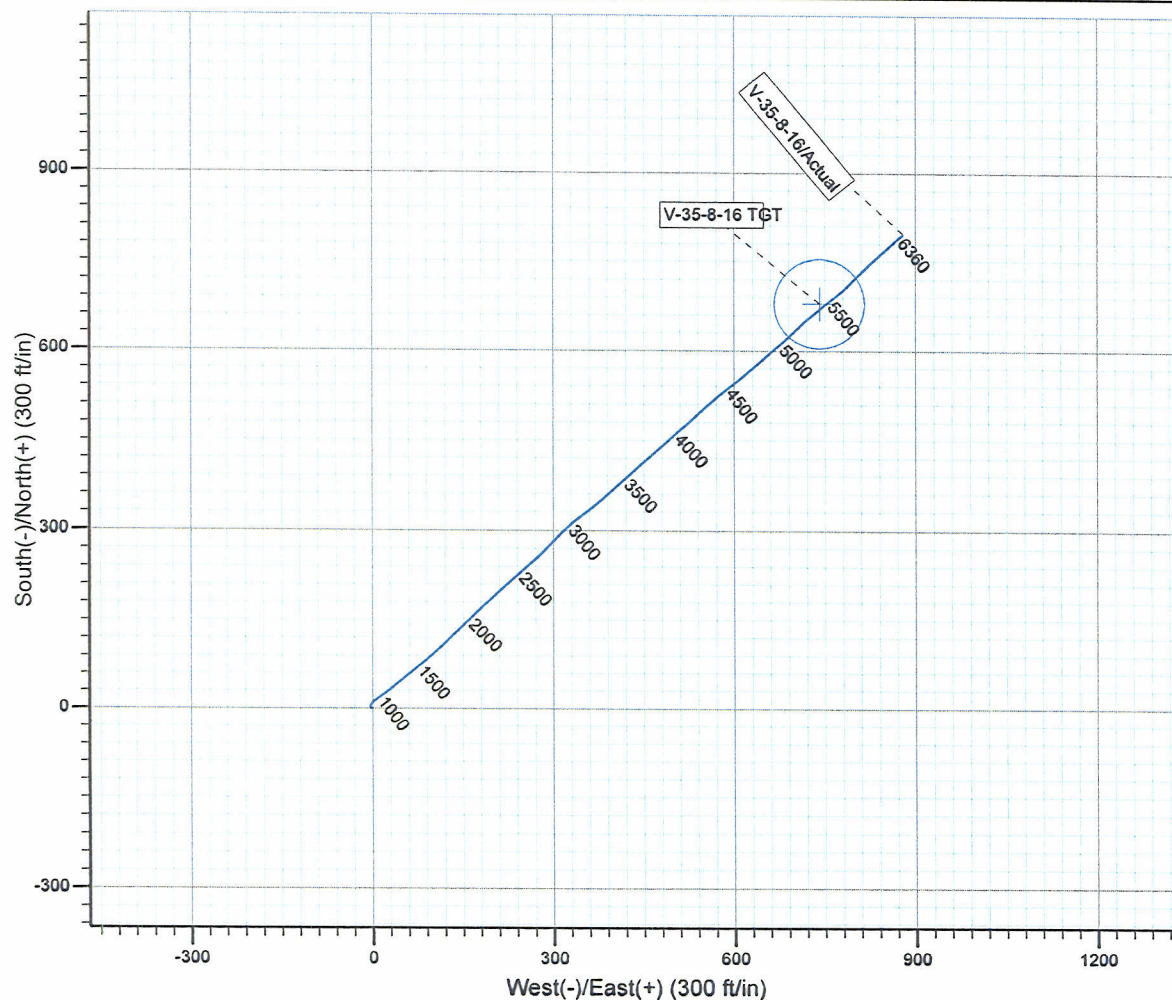
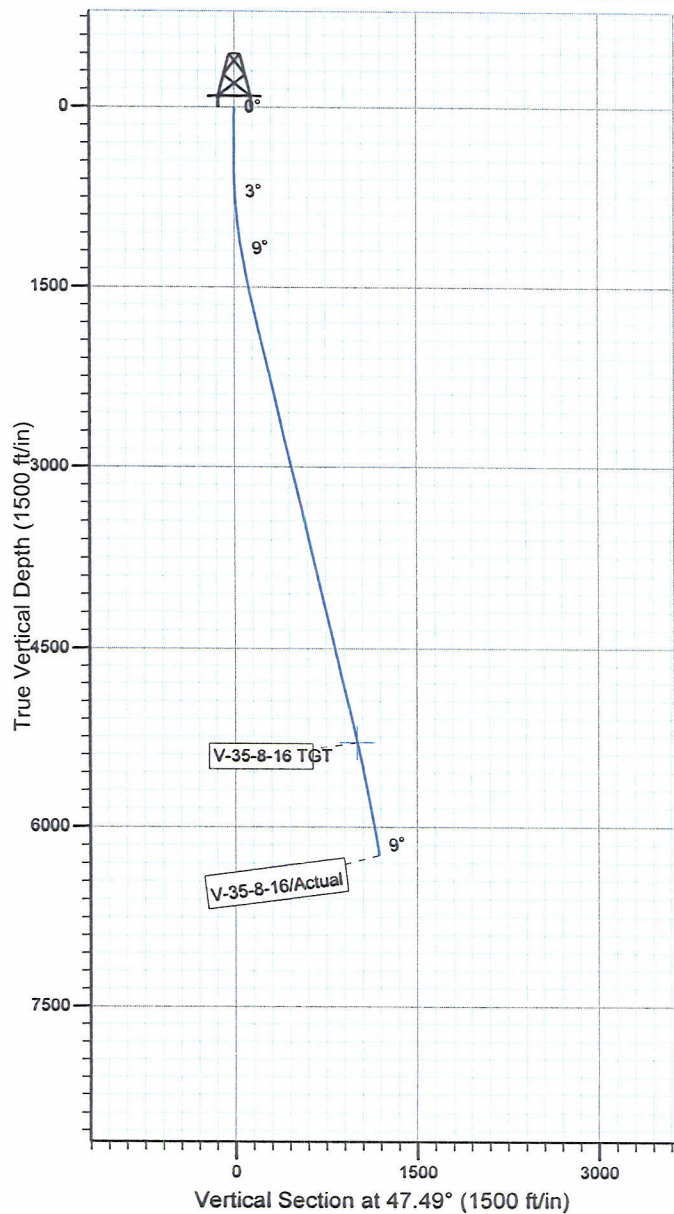
Project: USGS Myton SW (UT)
 Site: SECTION 2 9S 16E
 Well: V-35-8-16
 Wellbore: Wellbore #1
 SURVEY: Actual

FINAL SURVEY REPORT



Azimuths to True North
 Magnetic North: 11.55°

Magnetic Field
 Strength: 52497.6snT
 Dip Angle: 65.86°
 Date: 2009/07/16
 Model: IGRF200510



Design: Actual (V-35-8-16/Wellbore #1)

Created By: *Jim Hudson* Date: 18:22, June 22 2010
 THIS SURVEY IS CORRECT TO THE BEST OF MY
 KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.

Daily Activity Report

Format For Sundry

MON BUTTE V-35-8-16**2/1/2010 To 6/30/2010****MON BUTTE V-35-8-16****Waiting on Cement****Date:** 4/26/2010

Ross #21 at 320. Days Since Spud - On 4/16/10 Ross Rig #21 spud MB V-35-8-16, drilled 320' of 12 1/4" hole, and ran 7 jts 8 5/8" - 8 5/8" casing w/ 160 sks Class "G" + 2% CaCl₂ + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield. - Returned 17 bbls to pit. - casing (guide shoe, shoe jt, baffle plate, 6 jts) set @ 320.89' KB. On 4/23/10 BJ Services cemented

Daily Cost: \$0**Cumulative Cost:** \$27,290**MON BUTTE V-35-8-16****Drill 7 7/8" hole with fresh water****Date:** 5/19/2010

Capstar #328 at 974. 1 Days Since Spud - Test Hydril it would not test worked it opened then closed tested it about 5 times it would not test - PU BHA Smith MI 616 PDC - Dog sub - Hunting MM 7/8 mil 4.8 stg .33 - NMDC - Gap sub - Ant sub - NMDC - TIH & Tag @ 265' - Drill 7 7/8" hole f/ 265' to 974' WOB= 10/15 RPMS= 184 GPM= 409 ROP= 109' pr hr - No H₂S in the last 24 hrs - pipe rams blind rams inside outside choke valves to 2000#s for 10 min Test casing to 1500#s f/ 30 mi - Accept rig @ 6:00 PM on 5/18/10 & hold saftey mtg w/B&C Quick test & test top drive & saftey valves - Nipple up Bops - Move rig w/ Howcroft Trucking 30' to the Monumont Butte Fed V-35-8-16 & RU on 5/18/10 - Hook up flair lines

Daily Cost: \$0**Cumulative Cost:** \$92,052**MON BUTTE V-35-8-16****Drill 7 7/8" hole with fresh water****Date:** 5/20/2010

Capstar #328 at 4351. 2 Days Since Spud - No H₂S or flow reported in last 24 hours - Drill 7 7/8" hole F/ 2629' to 4351' w/ 18K WOB,TRPM-184,GPM-409,Avg ROP-123 ft/hr - Rig Service, function test crownomatic and BOP - Drill 7 7/8" hole F/ 974' to 2629' w/ 15K WOB,TRPM-184,GPM-409,Avg ROP-174 ft/hr

Daily Cost: \$0**Cumulative Cost:** \$110,301**MON BUTTE V-35-8-16****Drill 7 7/8" hole with fresh water****Date:** 5/21/2010

Capstar #328 at 5892. 3 Days Since Spud - Rig Service, check crownomatic and BOP - Drill 7 7/8" hole F/ 4759' to 5892' w/ 20K WOB,TRPM-184,GPM-409,Avg ROP-61 ft/hr - No H₂S or flow reported in last 24 hours - Drill 7 7/8" hole F/ 4351' to 4759' w/ 20K WOB,TRPM-184,GPM-409,Avg ROP-82 ft/hr

Daily Cost: \$0**Cumulative Cost:** \$128,550**MON BUTTE V-35-8-16****Circulate & Condition Hole****Date:** 5/22/2010

Capstar #328 at 6360. 4 Days Since Spud - Circualte and pump pill - Lay down drill pipe and BHA - R/U PSI Log f/LTD-6337' to surface triple combo,(density,porosity,gamma ray) - Test Hydrill to 1500 psi for 10 minutes - run 144 jts of 5.5",J-55,LTC Set @ 6349.4',top of float@ 6301.86', top short jt.@3789' - circulate casing hold meeting w/ BJ services - Drill 7 7/8" hole

F/ 5892' to 6360' w/ 20K WOB,TRPM-184,GPM-409,Avg ROP-72 ft/hr - No H2S or flow in last 24 hours

Daily Cost: \$0

Cumulative Cost: \$173,142

MON BUTTE V-35-8-16**Wait on Completion**

Date: 5/23/2010

Capstar #328 at 6360. 5 Days Since Spud - sks of tail @14.4ppg &1.24 yield(50:50:2+3% kcl+.25#/sk CF+.5%EC-1+FP-6L) displace w/ 150 bbls, r - returned 30 bbls back to pit.

Bump plug to 1800# - Nipple down and set 5 1/2" casing slips w/ 90,000# tension - Clean mud tanks - Release rig @ 13:00 on 5-22-10. - test lines to 3800#,Cement w/ 251sks lead @ 11ppg & 3.53 yield (PL II+3%KCL+.5#CF+SF+FP-6L) pump 426 **Finalized**

Daily Cost: \$0

Cumulative Cost: \$259,552

Pertinent Files: Go to File List